

# 『腎癌診療ガイドライン 2017年版』文献検索式 一覧

## ●分野1 危険因子・予防

- ・CQ1 腎癌の発症について、肥満・職業・生活習慣・環境・遺伝因子に  
注意を喚起することは推奨されるか？

|        |           |                                                                                                                    |           |
|--------|-----------|--------------------------------------------------------------------------------------------------------------------|-----------|
| データベース | PubMed    |                                                                                                                    |           |
| 検索実行日  | 2016/6/16 |                                                                                                                    |           |
| 文献検索式  | #1        | Search "Kidney Neoplasms"[mh]                                                                                      | 63,560    |
|        | #2        | Search risk                                                                                                        | 1,920,445 |
|        | #3        | Search obesity OR habits[mh] OR environment OR genetics[sh] OR meat[mh] OR "Alcohol Drinking"[mh] OR "Smoking"[mh] | 4,396,752 |
|        | #4        | Search #1 and #2 and #3                                                                                            | 1,367     |
|        | #5        | Search #4 Filters: Publication date from 2009/01/01; Humans; English; Japanese                                     | 589       |

|        |           |                                                                                                         |         |
|--------|-----------|---------------------------------------------------------------------------------------------------------|---------|
| データベース | 医中誌       |                                                                                                         |         |
| 検索実行日  | 2016/6/16 |                                                                                                         |         |
| 文献検索式  | #1        | (腎臓腫瘍/TH or 腎癌/AL) or (腎臓腫瘍/TH or 腎臓腫瘍/AL)                                                              | 46,118  |
|        | #2        | (肥満/TH or 肥満/AL) or (職業/TH or 職業/AL) or (ライフスタイル/TH or 生活習慣/AL) or (環境/TH or 環境/AL) or (遺伝/TH or 遺伝/AL) | 916,314 |
|        | #3        | (リスク/TH or risk/AL)                                                                                     | 121,229 |
|        | #4        | (危険因子/TH or 危険因子/AL)                                                                                    | 79,102  |
|        | #5        | #3 or #4                                                                                                | 130,106 |
|        | #6        | #1 and #2 and #5                                                                                        | 68      |
|        | #7        | (#6) and (DT=2009:2016 and LA=日本語, 英語 and CK=ヒト)                                                        | 48      |

- ・CQ2 腎癌の早期発見にどのような検査が推奨されるか？

|        |           |                                                                                                                                      |           |
|--------|-----------|--------------------------------------------------------------------------------------------------------------------------------------|-----------|
| データベース | PubMed    |                                                                                                                                      |           |
| 検索実行日  | 2016/6/17 |                                                                                                                                      |           |
| 文献検索式  | #1        | Search "Kidney Neoplasms/diagnosis"[mh]                                                                                              | 35,989    |
|        | #2        | Search screening                                                                                                                     | 5,558,931 |
|        | #3        | Search urinalysis[mh] OR "biomarkers, tumor"[mh] OR ultrasonography[mh] OR ultrasonography[sh] OR radiography[mh] OR radiography[sh] | 1,445,551 |
|        | #4        | Search early[tiab] OR incidental[tiab] OR evaluat*[ti] OR sensitivity[tiab]                                                          | 2,175,039 |
|        | #5        | Search #1 and #2 and #3 and #4                                                                                                       | 1,509     |
|        | #6        | Search #5 Filters: Publication date from 2009/01/01; Humans; English; Japanese                                                       | 477       |

|        |           |                                                                                                  |           |
|--------|-----------|--------------------------------------------------------------------------------------------------|-----------|
| データベース | 医中誌       |                                                                                                  |           |
| 検索実行日  | 2016/6/17 |                                                                                                  |           |
| 文献検索式  | #1        | (腎臓腫瘍/TH) and (SH=診断, 画像診断, X線診断, 放射性核種診断, 超音波診断)                                                | 8,431     |
|        | #2        | ((遺伝学的スクリーニング/TH or スクリーニング/AL) or (集団検診/TH or スクリーニング/AL) or ("スクリーニング(生化学)"/TH or スクリーニング/AL)) | 94,522    |
|        | #3        | (検尿/TH or 検尿/AL)                                                                                 | 19,285    |
|        | #4        | ((生物学的マーカー/TH or バイオマーカー/AL) or (腫瘍マーカー/TH or バイオマーカー/AL))                                       | 153,096   |
|        | #5        | (超音波診断/TH or 超音波診断/AL)                                                                           | 242,928   |
|        | #6        | (画像診断/TH or 画像診断/AL)                                                                             | 940,444   |
|        | #7        | #3 or #4 or #5 or #6                                                                             | 1,125,462 |
|        | #8        | #1 and #2 and #7                                                                                 | 367       |
|        | #9        | (#8) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト)                                                         | 142       |

## ●分野2 診断

### ・CQ1 透析患者における腎癌のスクリーニングは推奨されるか？

|        |           |                                                                                    |
|--------|-----------|------------------------------------------------------------------------------------|
| データベース | PubMed    |                                                                                    |
| 検索実行日  | 2016/6/17 |                                                                                    |
| 文献検索式  | #1        | Search "Kidney Neoplasms"[mh] 63,573                                               |
|        | #2        | Search screening 5,559,721                                                         |
|        | #3        | Search "Renal Dialysis"[Mesh] OR dialysis[tiab] OR hemodialysis[tiab] 148,394      |
|        | #4        | Search "end stage renal disease" 24,586                                            |
|        | #5        | Search "kidney failure, chronic"[MH] 82,491                                        |
|        | #6        | Search #3 or #4 or #5 191,357                                                      |
|        | #7        | Search #1 and #2 and #6 905                                                        |
|        | #8        | Search #7 Filters: Publication date from 2009/01/01; Humans; English; Japanese 218 |

|        |           |                                                                                                         |
|--------|-----------|---------------------------------------------------------------------------------------------------------|
| データベース | 医中誌       |                                                                                                         |
| 検索実行日  | 2016/6/17 |                                                                                                         |
| 文献検索式  | #1        | (腎臓腫瘍/TH or 腎癌/AL) 46,111                                                                               |
|        | #2        | ((遺伝学的スクリーニング/TH or スクリーニング/AL) or (集団検診/TH or スクリーニング/AL) or ("スクリーニング(生化学)"/TH or スクリーニング/AL)) 94,522 |
|        | #3        | (血液透析/TH or 透析/AL) 202,726                                                                              |
|        | #4        | 腎不全-慢性/TH or 慢性腎不全/AL or "end stage renal disease"/AL 102,330                                           |
|        | #5        | #3 or #4 214,176                                                                                        |
|        | #6        | #1 and #2 and #5 98                                                                                     |
|        | #7        | (#6) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト) 40                                                             |

### ・CQ2 腎臓癌の生検はどのような場合に推奨されるか？

|        |           |                                                                                    |
|--------|-----------|------------------------------------------------------------------------------------|
| データベース | PubMed    |                                                                                    |
| 検索実行日  | 2016/6/20 |                                                                                    |
| 文献検索式  | #1        | Search "Kidney Neoplasms/diagnosis"[Mesh] 36,002                                   |
|        | #2        | Search "Biopsy"[Major] 53,429                                                      |
|        | #3        | Search #1 and #2 326                                                               |
|        | #4        | Search #3 Filters: Publication date from 2006/01/01; Humans; English; Japanese 137 |

|        |           |                                              |
|--------|-----------|----------------------------------------------|
| データベース | 医中誌       |                                              |
| 検索実行日  | 2016/6/20 |                                              |
| 文献検索式  | #1        | (腎臓腫瘍/TH) and (SH=診断, 病理学) 8,656             |
|        | #2        | 生検/MTH 19,230                                |
|        | #3        | #1 and #2 119                                |
|        | #4        | (#3) and (DT=2006:2016 LA=日本語, 英語 CK=ヒト) 113 |

### ・CQ3 腎癌の病期診断に胸部CTや骨シンチグラフィー, PETは推奨されるか？

|        |           |                                                                                    |
|--------|-----------|------------------------------------------------------------------------------------|
| データベース | PubMed    |                                                                                    |
| 検索実行日  | 2016/6/21 |                                                                                    |
| 文献検索式  | #1        | Search "Kidney Neoplasms/diagnosis"[major] 19,615                                  |
|        | #2        | Search "Tomography, X-Ray Computed"[mh] 338,175                                    |
|        | #3        | Search "Tomography, Emission-Computed"[mh] 87,385                                  |
|        | #4        | Search "Radionuclide Imaging"[mh] OR "radionuclide imaging"[sh] 184,067            |
|        | #5        | Search #2 OR #3 OR #4 493,904                                                      |
|        | #6        | Search stage OR stages OR staging OR metastasis OR metastases 1,197,786            |
|        | #7        | Search #1 and #5 and #6 1,389                                                      |
|        | #8        | Search #7 Filters: Publication date from 2009/01/01; Humans; English; Japanese 398 |

|        |           |                                                                |
|--------|-----------|----------------------------------------------------------------|
| データベース | 医中誌       |                                                                |
| 検索実行日  | 2016/6/21 |                                                                |
| 文献検索式  | #1        | (腎臓腫瘍/MTH) and (SH=診断, 画像診断, X線診断, 放射性核種診断, 超音波診断, 病理学) 7, 659 |
|        | #2        | 腫瘍進行度/TH or 病期/AL 50, 931                                      |
|        | #3        | SH=転移性 94, 691                                                 |
|        | #4        | #2 or #3 143, 421                                              |
|        | #5        | X線CT/TH 232, 987                                               |
|        | #6        | 放射性核種イメージング/TH 90, 823                                         |
|        | #7        | 陽電子放射型断層撮影/TH 27, 789                                          |
|        | #8        | #5 or #6 or #7 303, 037                                        |
|        | #9        | #1 and #4 and #8 587                                           |
|        | #10       | (#9) and (DT=2009:2016 and LA=日本語, 英語 and CK=ヒト) 382           |

・ **CQ4** 腎癌の予後予測因子としてCRPは推奨されるか？

|        |           |                                                                                    |
|--------|-----------|------------------------------------------------------------------------------------|
| データベース | PubMed    |                                                                                    |
| 検索実行日  | 2016/6/22 |                                                                                    |
| 文献検索式  | #1        | Search "Kidney Neoplasms/mortality"[mh] OR "Kidney Neoplasms/analysis"[mh] 5, 997  |
|        | #2        | Search "Prognosis"[mh] 1, 244, 173                                                 |
|        | #3        | Search "C-Reactive Protein/analysis"[mh] 15, 687                                   |
|        | #4        | Search "Blood Sedimentation"[mh] 10, 857                                           |
|        | #5        | Search "Biomarkers, Tumor"[mh] 201, 025                                            |
|        | #6        | Search "prognostic factor" OR "prognostic factors" 73, 290                         |
|        | #7        | Search #3 or #4 or #5 or #6 288, 102                                               |
|        | #8        | Search #1 and #2 and #7 1, 091                                                     |
|        | #9        | Search #8 Filters: Publication date from 2009/01/01; Humans; English; Japanese 513 |

|        |           |                                              |
|--------|-----------|----------------------------------------------|
| データベース | 医中誌       |                                              |
| 検索実行日  | 2016/6/22 |                                              |
| 文献検索式  | #1        | 腎臓腫瘍/TH 44, 062                              |
|        | #2        | 赤血球沈降速度/TH 1, 367                            |
|        | #3        | C-Reactive Protein/TH 14, 726                |
|        | #4        | 腫瘍マーカー/TH 62, 641                            |
|        | #5        | #2 or #3 or #4 77, 747                       |
|        | #6        | (予後/TH or 予後/AL) 655, 802                    |
|        | #7        | #1 and #5 and #6 274                         |
|        | #8        | (#7) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト) 179 |

・ **CQ5** 転移進行腎癌の予後予測因子による治療法選択は推奨されるか？

|        |           |                                                                                               |
|--------|-----------|-----------------------------------------------------------------------------------------------|
| データベース | PubMed    |                                                                                               |
| 検索実行日  | 2016/6/24 |                                                                                               |
| 文献検索式  | #1        | Search "Kidney Neoplasms"[mh] 63, 612                                                         |
|        | #2        | Search metastatic[TIAB] OR metastasis[TIAB] OR advanced[TIAB] 567, 933                        |
|        | #3        | Search "Prognosis"[mh] 1, 244, 426                                                            |
|        | #4        | Search risk classification OR risk stratification OR "risk group" 113, 210                    |
|        | #5        | Search #1 and #2 and #3 and #4 Filters: Publication date from 2009/01/01; Humans; English 188 |
|        | #6        | Search #5 Filters: Publication date from 2009/01/01; Humans; English; Japanese 116            |

|        |           |                                                     |
|--------|-----------|-----------------------------------------------------|
| データベース | 医中誌       |                                                     |
| 検索実行日  | 2016/6/24 |                                                     |
| 文献検索式  | #1        | 腎臓腫瘍/TH 44, 062                                     |
|        | #2        | (予後/TH or 予後/AL) 655, 802                           |
|        | #3        | (リスク/TH or リスク/AL) or (危険因子/TH or 危険因子/AL) 183, 299 |
|        | #4        | 進行/AL or (腫瘍転移/TH or 転移/AL) 374, 101                |
|        | #5        | #1 and #2 and #3 and #4 156                         |
|        | #6        | (#5) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト) 118        |

### ●分野3 外科療法・局所療法

#### ・CQ1 Stage I, IIの腎癌に対する腎摘除術において腹腔鏡手術は推奨されるか？

|        |                                                                                   |        |
|--------|-----------------------------------------------------------------------------------|--------|
| データベース | PubMed                                                                            |        |
| 検索実行日  | 2016/5/13                                                                         |        |
| 文献検索式  | #1 Search "Kidney Neoplasms/surgery"[Majr]                                        | 7,665  |
|        | #2 Search "Nephrectomy"[Majr]                                                     | 13,197 |
|        | #3 Search "Laparoscopy"[Majr]                                                     | 57,233 |
|        | #4 Search #2 and #3                                                               | 3,131  |
|        | #5 Search "laparoscopic radical nephrectomy"                                      | 549    |
|        | #6 Search #4 or #5                                                                | 3,324  |
|        | #7 Search #1 and #6                                                               | 1,144  |
|        | #8 Search #7 Filters: Publication date from 2009/01/01; Humans; English; Japanese | 569    |

|        |                                                     |        |
|--------|-----------------------------------------------------|--------|
| データベース | 医中誌                                                 |        |
| 検索実行日  | 2016/5/13                                           |        |
| 文献検索式  | #1 (腎臓腫瘍/MTH) and (SH=外科的療法)                        | 9,571  |
|        | #2 腎臓切除/MTH                                         | 6,166  |
|        | #3 腹腔鏡法/MTH                                         | 64,177 |
|        | #4 #1 and #2 and #3                                 | 1,380  |
|        | #5 (#4) and (DT=2009:2016 and LA=日本語, 英語 and CK=ヒト) | 1,069  |
|        | #6 (#5) and (PT=会議録除く)                              | 191    |

|        |                                                                                                                  |         |
|--------|------------------------------------------------------------------------------------------------------------------|---------|
| データベース | Cochrane Library                                                                                                 |         |
| 検索実行日  | 2016/5/13                                                                                                        |         |
| 文献検索式  | #1 MeSH descriptor: [Kidney Neoplasms] explode all trees                                                         | 785     |
|        | #2 "kidney cancer" or "kidney carcinoma" or "renal cell carcinoma":ti,ab,kw (Word variations have been searched) | 1,159   |
|        | #3 #1 or #2                                                                                                      | 1,460   |
|        | #4 nephrectomy:ti,ab,kw (Word variations have been searched)                                                     | 675     |
|        | #5 laparoscopy or laparoscopic:ti,ab,kw (Word variations have been searched)                                     | 10,521  |
|        | #6 PubMed:an (Word variations have been searched)                                                                | 487,921 |
|        | #7 #3 and #4 and #5                                                                                              | 62      |
|        | #8 #7 not #6                                                                                                     | 41      |
| 備考     | 結果内訳Cochrane Reviews (2)、DARE (10)、CENTRAL (20)、Technology Assessments (2)、Economic Evaluations (7)              |         |

#### ・CQ2 腫瘍径4cm以下(T1a)の腎癌患者において腎部分切除術は推奨されるか？

|        |                                                                                   |           |
|--------|-----------------------------------------------------------------------------------|-----------|
| データベース | PubMed                                                                            |           |
| 検索実行日  | 2016/6/1                                                                          |           |
| 文献検索式  | #1 Search "Kidney Neoplasms*/surgery"[mh]                                         | 14,673    |
|        | #2 Search "Nephrectomy"[Majr]                                                     | 13,224    |
|        | #3 Search partial OR sparing                                                      | 409,826   |
|        | #4 Search localized[tiab] OR low[tiab] OR small[tiab] OR T1a[tiab]                | 2,928,880 |
|        | #5 Search #1 and #2 and #3 and #4                                                 | 836       |
|        | #6 Search #5 Filters: Publication date from 2009/01/01; Humans; English; Japanese | 449       |

|        |                                                         |         |
|--------|---------------------------------------------------------|---------|
| データベース | 医中誌                                                     |         |
| 検索実行日  | 2016/6/1                                                |         |
| 文献検索式  | #1 (腎臓腫瘍/TH) and (SH=外科的療法)                             | 6,254   |
|        | #2 腎臓切除/MTH                                             | 13,807  |
|        | #3 部分/AL or 温存/AL or partial/AL                         | 144,822 |
|        | #4 T1a/AL or 小径/AL or 低ステージ/AL or low-stage/AL or 小型/AL | 17,604  |
|        | #5 #1 and #2 and #3 and #4                              | 201     |
|        | #6 (#5) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト)             | 170     |

|        |          |                                                                                                                                                                                                                                                                                                              |         |
|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | CENTRAL  |                                                                                                                                                                                                                                                                                                              |         |
| 検索実行日  | 2016/6/1 |                                                                                                                                                                                                                                                                                                              |         |
| 文献検索式  | #1       | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) | 1,124   |
|        | #2       | partial or sparing:ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                                             | 19,656  |
|        | #3       | nephrectomy:ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                                                    | 679     |
|        | #4       | #1 and #2 and #3                                                                                                                                                                                                                                                                                             | 59      |
|        | #5       | pubmed:an (Word variations have been searched)                                                                                                                                                                                                                                                               | 488,625 |
|        | #6       | #4 not #5                                                                                                                                                                                                                                                                                                    | 37      |
|        | #7       | #6 Publication Year from 2009                                                                                                                                                                                                                                                                                | 33      |

・ **CQ3** 腹腔鏡手術で腎部分切除困難な腫瘍に対する  
ロボット支援腎部分切除術は推奨されるか？

|        |          |                                                                                |        |
|--------|----------|--------------------------------------------------------------------------------|--------|
| データベース | PubMed   |                                                                                |        |
| 検索実行日  | 2016/6/2 |                                                                                |        |
| 文献検索式  | #1       | Search "Kidney Neoplasms"[mh]                                                  | 63,456 |
|        | #2       | Search "Laparoscopy"[mh]                                                       | 77,602 |
|        | #3       | Search "Nephrectomy"[mh]                                                       | 30,008 |
|        | #4       | Search "Robotic Surgical Procedures"[mh] OR "Robotics"[mh]                     | 17,334 |
|        | #5       | Search #1 and #2 and #3 and #4                                                 | 244    |
|        | #6       | Search #5 Filters: Publication date from 2006/01/01; Humans; English; Japanese | 229    |

|        |          |                                          |         |
|--------|----------|------------------------------------------|---------|
| データベース | 医中誌      |                                          |         |
| 検索実行日  | 2016/6/2 |                                          |         |
| 文献検索式  | #1       | 腎臓腫瘍/TH                                  | 43,979  |
|        | #2       | 腎臓切除/TH                                  | 15,277  |
|        | #3       | (ロボット/TH or ロボット/AL)                     | 9,500   |
|        | #4       | 腹腔鏡/TH or 腹腔鏡法/TH                        | 108,326 |
|        | #5       | #1 and #2 and #3 and #4                  | 160     |
|        | #6       | (#5) and (DT=2006:2016 LA=日本語, 英語 CK=ヒト) | 158     |

|        |          |                                                                                                                                                                                                                                                                                                            |         |
|--------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | CENTRAL  |                                                                                                                                                                                                                                                                                                            |         |
| 検索実行日  | 2016/6/2 |                                                                                                                                                                                                                                                                                                            |         |
| 文献検索式  | #1       | kidney tumor or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) | 1,124   |
|        | #2       | nephrectomy:ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                                                  | 679     |
|        | #3       | laparoscopy or laparoscopic:ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                                  | 10,563  |
|        | #4       | robot or robotics or robotic:ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                                 | 1,511   |
|        | #5       | #1 and #2 and #3 and #4                                                                                                                                                                                                                                                                                    | 7       |
|        | #6       | PubMed:an (Word variations have been searched)                                                                                                                                                                                                                                                             | 488,625 |
|        | #7       | #5 not #6                                                                                                                                                                                                                                                                                                  | 6       |
|        | #8       | #7 Publication Year from 2006                                                                                                                                                                                                                                                                              | 6       |

・ **CQ4** 転移性腎癌症例において腎摘除術は推奨されるか？

|        |          |                                                                                |         |
|--------|----------|--------------------------------------------------------------------------------|---------|
| データベース | PubMed   |                                                                                |         |
| 検索実行日  | 2016/6/2 |                                                                                |         |
| 文献検索式  | #1       | Search "Kidney Neoplasms/surgery"[Majr]                                        | 7,693   |
|        | #2       | Search metastasis[tiab] OR metastatic[tiab] OR advanced[tiab]                  | 565,185 |
|        | #3       | Search "Nephrectomy"[mh]                                                       | 30,008  |
|        | #4       | Search #1 and #2 and #3                                                        | 1,070   |
|        | #5       | Search #4 Filters: Publication date from 2009/01/01; Humans; English; Japanese | 414     |

|        |          |                                                      |
|--------|----------|------------------------------------------------------|
| データベース | 医中誌      |                                                      |
| 検索実行日  | 2016/6/6 |                                                      |
| 文献検索式  | #1       | (腎臓腫瘍/TH) and (SH=外科的療法) 13,807                      |
|        | #2       | 腎臓切除/MTH 6,254                                       |
|        | #3       | 腫瘍転移/TH or 転移/AL or 進行性/AL 251,598                   |
|        | #4       | #1 and #2 and #3 477                                 |
|        | #5       | (#4) and (DT=2009:2016 and LA=日本語, 英語 and CK=ヒト) 317 |

|        |          |                                                                                                                                                                                                                                                                                                                    |
|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | CENTRAL  |                                                                                                                                                                                                                                                                                                                    |
| 検索実行日  | 2016/6/6 |                                                                                                                                                                                                                                                                                                                    |
| 文献検索式  | #1       | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) 1,124 |
|        | #2       | nephrectomy:ti,ab,kw (Word variations have been searched) 679                                                                                                                                                                                                                                                      |
|        | #3       | metastasis or metastatic or advanced:ti,ab,kw (Word variations have been searched) 43,388                                                                                                                                                                                                                          |
|        | #4       | #1 and #2 and #3 119                                                                                                                                                                                                                                                                                               |
|        | #5       | PubMed:an (Word variations have been searched) 488,625                                                                                                                                                                                                                                                             |
|        | #6       | #4 not #5 61                                                                                                                                                                                                                                                                                                       |
|        | #7       | #6 Publication Year from 2009 46                                                                                                                                                                                                                                                                                   |

・ **CQ5** 根治的腎摘除術においてリンパ節郭清は推奨されるか？

|        |          |                                                                                   |
|--------|----------|-----------------------------------------------------------------------------------|
| データベース | PubMed   |                                                                                   |
| 検索実行日  | 2016/6/6 |                                                                                   |
| 文献検索式  | #1       | Search "Kidney Neoplasms"[mh] 63,464                                              |
|        | #2       | Search "Lymph Node Excision"[mh] 39,218                                           |
|        | #3       | Search "Nephrectomy"[mh] 30,011                                                   |
|        | #4       | Search #1 and #2 and #3 368                                                       |
|        | #5       | Search #4 Filters: Publication date from 2009/01/01; Humans; English; Japanese 97 |

|        |          |                                              |
|--------|----------|----------------------------------------------|
| データベース | 医中誌      |                                              |
| 検索実行日  | 2016/6/6 |                                              |
| 文献検索式  | #1       | 腎臓腫瘍/TH 43,979                               |
|        | #2       | 腎臓切除/TH 15,277                               |
|        | #3       | リンパ節郭清/TH 42,663                             |
|        | #4       | #1 and #2 and #3 262                         |
|        | #5       | (#4) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト) 125 |

|        |          |                                                                                                                                                                                                                                                                                                                    |
|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | CENTRAL  |                                                                                                                                                                                                                                                                                                                    |
| 検索実行日  | 2016/6/6 |                                                                                                                                                                                                                                                                                                                    |
| 文献検索式  | #1       | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) 1,124 |
|        | #2       | nephrectomy:ti,ab,kw (Word variations have been searched) 679                                                                                                                                                                                                                                                      |
|        | #3       | "lymph node dissection" or "lymph node excision" or "pelvis lymphadenectomy":ti,ab,kw (Word variations have been searched) 1,702                                                                                                                                                                                   |
|        | #4       | #1 and #2 and #3 10                                                                                                                                                                                                                                                                                                |
|        | #5       | PubMed:an (Word variations have been searched) 488,625                                                                                                                                                                                                                                                             |
|        | #6       | #4 not #5 3                                                                                                                                                                                                                                                                                                        |
|        | #7       | #6 Publication Year from 2009 2                                                                                                                                                                                                                                                                                    |

・ **CQ6** 腎癌に対する腎摘除術において患側の副腎温存は推奨されるか？

|        |          |                                                                                   |
|--------|----------|-----------------------------------------------------------------------------------|
| データベース | PubMed   |                                                                                   |
| 検索実行日  | 2016/6/7 |                                                                                   |
| 文献検索式  | #1       | Search "Kidney Neoplasms"[mh] 63,464                                              |
|        | #2       | Search "Adrenalectomy"[mh] 19,071                                                 |
|        | #3       | Search #1 and #2 249                                                              |
|        | #4       | Search #3 Filters: Publication date from 2009/01/01; Humans; English; Japanese 62 |



|        |          |                                                  |        |
|--------|----------|--------------------------------------------------|--------|
| データベース | 医中誌      |                                                  |        |
| 検索実行日  | 2016/6/7 |                                                  |        |
| 文献検索式  | #1       | 腎臓腫瘍/TH                                          | 43,979 |
|        | #2       | 副腎摘出術/TH                                         | 5,776  |
|        | #3       | 腎臓切除/TH                                          | 15,277 |
|        | #4       | #1 and #2 and #3                                 | 172    |
|        | #5       | (#4) and (DT=2009:2016 and LA=日本語, 英語 and CK=ヒト) | 93     |

|        |          |                                                                                                                                                                                                                                                                                                              |         |
|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | CENTRAL  |                                                                                                                                                                                                                                                                                                              |         |
| 検索実行日  | 2016/6/7 |                                                                                                                                                                                                                                                                                                              |         |
| 文献検索式  | #1       | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) | 1,124   |
|        | #2       | Adrenalectomy:ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                                                  | 145     |
|        | #3       | #1 and #2                                                                                                                                                                                                                                                                                                    | 2       |
|        | #4       | PubMed:an (Word variations have been searched)                                                                                                                                                                                                                                                               | 488,625 |
|        | #5       | #3 not #4                                                                                                                                                                                                                                                                                                    | 0       |

・ **CQ7** 下大静脈腫瘍塞栓を有する腎癌患者に対する腫瘍塞栓摘除術は推奨されるか？

|        |          |                                                                                      |        |
|--------|----------|--------------------------------------------------------------------------------------|--------|
| データベース | PubMed   |                                                                                      |        |
| 検索実行日  | 2016/6/7 |                                                                                      |        |
| 文献検索式  | #1       | Search "Kidney Neoplasms/surgery"[mh]                                                | 14,682 |
|        | #2       | Search "Thrombectomy"[mh] OR "Venous Thrombosis"[mh] OR "Venous Thromboembolism"[mh] | 57,398 |
|        | #3       | Search "Vena Cava, Inferior"[mh] OR "inferior vena cava"                             | 23,233 |
|        | #4       | Search #1 and #2 and #3                                                              | 236    |
|        | #5       | Search #4 Filters: Publication date from 2009/01/01; Humans; English; Japanese       | 117    |

|        |          |                                               |        |
|--------|----------|-----------------------------------------------|--------|
| データベース | 医中誌      |                                               |        |
| 検索実行日  | 2016/6/7 |                                               |        |
| 文献検索式  | #1       | 腎臓腫瘍/TH                                       | 43,979 |
|        | #2       | (下大静脈/TH or 下大静脈/AL)                          | 12,747 |
|        | #3       | 血栓除去術/TH or 静脈血栓症/TH or 静脈血栓塞栓症/TH or 静脈血栓/AL | 32,054 |
|        | #4       | #1 and #2 and #3                              | 128    |
|        | #5       | (#4) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト)      | 45     |

|        |                          |                                                                                                                                                                                                                                                                                                              |         |
|--------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | Cochrane Library         |                                                                                                                                                                                                                                                                                                              |         |
| 検索実行日  | 2016/6/7                 |                                                                                                                                                                                                                                                                                                              |         |
| 文献検索式  | #1                       | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) | 1,124   |
|        | #2                       | "inferior vena cava" or "inferior vena vein":ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                   | 220     |
|        | #3                       | #1 and #2                                                                                                                                                                                                                                                                                                    | 6       |
|        | #4                       | PubMed:an (Word variations have been searched)                                                                                                                                                                                                                                                               | 488,625 |
|        | #5                       | #3 not #4                                                                                                                                                                                                                                                                                                    | 4       |
|        | #6                       | #5 Publication Year from 2009                                                                                                                                                                                                                                                                                | 3       |
| 備考     | 結果内訳DARE (1)、CENTRAL (2) |                                                                                                                                                                                                                                                                                                              |         |

・ **CQ8** 転移巣に対する外科療法は推奨されるか？

|        |          |                                                                                |         |
|--------|----------|--------------------------------------------------------------------------------|---------|
| データベース | PubMed   |                                                                                |         |
| 検索実行日  | 2016/6/8 |                                                                                |         |
| 文献検索式  | #1       | Search "Kidney Neoplasms"[Majr]                                                | 52,282  |
|        | #2       | Search "Neoplasms/secondary"[mh] AND "Neoplasms/surgery"[mh]                   | 36,414  |
|        | #3       | Search metastasis[tiab] OR metastases[tiab] OR metastasectomy                  | 263,349 |
|        | #4       | Search #1 and #2 and #3                                                        | 1,638   |
|        | #5       | Search #4 Filters: Publication date from 2009/01/01; Humans; English; Japanese | 444     |

|        |          |                                                      |
|--------|----------|------------------------------------------------------|
| データベース | 医中誌      |                                                      |
| 検索実行日  | 2016/6/8 |                                                      |
| 文献検索式  | #1       | 腎臓腫瘍/MTH 20,614                                      |
|        | #2       | (腫瘍/TH) and (SH=外科的療法) 479,987                       |
|        | #3       | (腫瘍/TH) and (SH=転移性) 94,115                          |
|        | #4       | 転移巣/AL 11,304                                        |
|        | #5       | #1 and #2 and #3 and #4 194                          |
|        | #6       | (#5) and (DT=2009:2016 and LA=日本語, 英語 and CK=ヒト) 124 |

|        |          |                                                                                                                                                                                                                                                                                                                    |
|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | CENTRAL  |                                                                                                                                                                                                                                                                                                                    |
| 検索実行日  | 2016/6/9 |                                                                                                                                                                                                                                                                                                                    |
| 文献検索式  | #1       | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) 1,124 |
|        | #2       | metastasis or metastases:ti,ab,kw (Word variations have been searched) 11,669                                                                                                                                                                                                                                      |
|        | #3       | surgery or resection or metastasectomy:ti,ab,kw (Word variations have been searched) 95,143                                                                                                                                                                                                                        |
|        | #4       | #1 and #2 and #3 69                                                                                                                                                                                                                                                                                                |
|        | #5       | PubMed:an (Word variations have been searched) 488,625                                                                                                                                                                                                                                                             |
|        | #6       | #4 not #5 44                                                                                                                                                                                                                                                                                                       |
|        | #7       | #6 Publication Year from 2009, in Trials 39                                                                                                                                                                                                                                                                        |

・ CQ9 小径腎腫瘍に対する経皮的局所療法は推奨されるか？

|        |          |                                                                                    |
|--------|----------|------------------------------------------------------------------------------------|
| データベース | PubMed   |                                                                                    |
| 検索実行日  | 2016/6/9 |                                                                                    |
| 文献検索式  | #1       | Search "Kidney Neoplasms/surgery"[Majr] 7,693                                      |
|        | #2       | Search "Ablation Techniques"[Majr] 72,203                                          |
|        | #3       | Search #1 and #2 852                                                               |
|        | #4       | Search #3 Filters: Publication date from 2009/01/01; Humans; English; Japanese 412 |

|        |          |                                                      |
|--------|----------|------------------------------------------------------|
| データベース | 医中誌      |                                                      |
| 検索実行日  | 2016/6/9 |                                                      |
| 文献検索式  | #1       | (腎臓腫瘍/MTH) and (SH=外科的療法) 9,675                      |
|        | #2       | アブレーション技術/MTH 22,786                                 |
|        | #3       | #1 and #2 400                                        |
|        | #4       | (#3) and (DT=2009:2016 and LA=日本語, 英語 and CK=ヒト) 306 |

|        |          |                                                                                                                                                                                                                                                                                                                    |
|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | CENTRAL  |                                                                                                                                                                                                                                                                                                                    |
| 検索実行日  | 2016/6/9 |                                                                                                                                                                                                                                                                                                                    |
| 文献検索式  | #1       | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) 1,124 |
|        | #2       | ablation or cryoablation or cryosurgery:ti,ab,kw (Word variations have been searched) 4,445                                                                                                                                                                                                                        |
|        | #4       | #1 and #2 19                                                                                                                                                                                                                                                                                                       |
|        | #5       | PubMed:an (Word variations have been searched) 488,625                                                                                                                                                                                                                                                             |
|        | #6       | #4 not #5 12                                                                                                                                                                                                                                                                                                       |
|        | #7       | #6 Publication Year from 2009, in Trials 12                                                                                                                                                                                                                                                                        |



・ CQ10 腎癌転移巣に対する放射線療法は推奨されるか？

|        |                                                                                                           |         |
|--------|-----------------------------------------------------------------------------------------------------------|---------|
| データベース | PubMed                                                                                                    |         |
| 検索実行日  | 2016/6/12                                                                                                 |         |
| 文献検索式  | #1 Search "Kidney Neoplasms"[mh]                                                                          | 63,543  |
|        | #2 Search metastasis[tiab] OR metastases[tiab]                                                            | 263,337 |
|        | #3 Search "Neoplasms/secondary"[mh]                                                                       | 135,639 |
|        | #4 Search #2 or #3                                                                                        | 318,114 |
|        | #5 Search "Neoplasms/radiotherapy"[Majr] OR "Radiotherapy"[Majr] OR "Radiosurgery"[Majr] OR "gamma knife" | 145,621 |
|        | #6 Search #1 and #4 and #5                                                                                | 372     |
|        | #7 Search #6 Filters: Publication date from 2009/01/01; Humans; English; Japanese                         | 103     |

|        |                                                     |        |
|--------|-----------------------------------------------------|--------|
| データベース | 医中誌                                                 |        |
| 検索実行日  | 2016/6/12                                           |        |
| 文献検索式  | #1 腎臓腫瘍/TH                                          | 43,979 |
|        | #2 転移巣/AL                                           | 11,304 |
|        | #3 (腫瘍/MTH) and (SH=転移性)                            | 73,212 |
|        | #4 #2 or #3                                         | 80,656 |
|        | #5 (腫瘍/MTH) and (SH=放射線療法)                          | 40,548 |
|        | #6 放射線療法/MTH or 放射線外科/MTH                           | 36,487 |
|        | #7 #5 or #6                                         | 54,021 |
|        | #8 #1 and #4 and #7                                 | 219    |
|        | #9 (#8) and (DT=2009:2016 and LA=日本語, 英語 and CK=ヒト) | 133    |

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|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | CENTRAL                                                                                                                                                                                                                                                                                                         |         |
| 検索実行日  | 2016/6/12                                                                                                                                                                                                                                                                                                       |         |
| 文献検索式  | #1 "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) | 1,124   |
|        | #2 metastasis or metastases:ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                                       | 11,669  |
|        | #3 radiosurgery or radiotherapy or "gamma knife":ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                  | 15,079  |
|        | #4 #1 and #2 and #3                                                                                                                                                                                                                                                                                             | 34      |
|        | #5 PubMed:an (Word variations have been searched)                                                                                                                                                                                                                                                               | 488,625 |
|        | #6 #4 not #5                                                                                                                                                                                                                                                                                                    | 24      |
|        | #7 #6 Publication Year from 2009, in Trials                                                                                                                                                                                                                                                                     | 13      |

# ●分野4 全身治療

## ・CQ1 腎癌に対する術前補助薬物療法は推奨されるか？

|        |           |                                                                                                    |
|--------|-----------|----------------------------------------------------------------------------------------------------|
| データベース | PubMed    |                                                                                                    |
| 検索実行日  | 2016/5/23 |                                                                                                    |
| 文献検索式  | #1        | Search kidney neoplasms 90,495                                                                     |
|        | #2        | Search neoadjuvant OR presurgical OR preoperative 244,926                                          |
|        | #3        | Search cytokine OR immunotherapy OR interferon OR interleukin 953,943                              |
|        | #4        | Search (molecular (target OR targeted)) OR sunitinib OR axitinib OR pazopanib OR sorafenib 218,462 |
|        | #5        | Search #3 OR #4 1,151,994                                                                          |
|        | #6        | Search #1 AND #2 AND #5 249                                                                        |
|        | #7        | Search #1 AND #2 AND #6 Filters: Publication date from 2009/01/01; Humans; English; Japanese 133   |

|        |           |                                                                                                                                                                       |
|--------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | 医中誌       |                                                                                                                                                                       |
| 検索実行日  | 2016/5/23 |                                                                                                                                                                       |
| 文献検索式  | #1        | (腎臓腫瘍/TH or 腎癌/AL) 45,946                                                                                                                                             |
|        | #2        | (術前期/TH or 術前/AL) or (ネオアジュバント療法/TH or ネオアジュバント/AL) 169,882                                                                                                           |
|        | #3        | (Cytokines/TH or サイトカイン/AL) or (免疫療法/TH or 免疫療法/AL) or (Interferons/TH or インターフェロン/AL) or (Interleukins/TH or インターロイキン/AL) 247,540                                    |
|        | #4        | (分子標的治療/TH or 分子標的治療/AL) or (Sunitinib/TH or sunitinib/AL) or (Axitinib/TH or axitinib/AL) or (Pazopanib/TH or pazopanib/AL) or (Sorafenib/TH or sorafenib/AL) 22,376 |
|        | #5        | #3 or #4 266,964                                                                                                                                                      |
|        | #6        | #1 and #2 and #5 261                                                                                                                                                  |
|        | #7        | (#6) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト) 181                                                                                                                          |

|        |                  |                                                                                                                                                                                                                                                                                                          |
|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | Cochrane CENTRAL |                                                                                                                                                                                                                                                                                                          |
| 検索実行日  | 2016/5/23        |                                                                                                                                                                                                                                                                                                          |
| 文献検索式  | #1               | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw (Word variations have been searched) 1,177 |
|        | #2               | neoadjuvant or presurgical or preoperative or "adjuvant chemotherapy":ti,ab,kw (Word variations have been searched) 23,837                                                                                                                                                                               |
|        | #3               | cytokine or immunotherapy or interferon or interleukin or "cancer immunotherapy" or "cancer immunization" or "graft versus leukemia effect" or "graft versus lymphoma effect":ti,ab,kw (Word variations have been searched) 27,590                                                                       |
|        | #4               | molecularly targeted therapy or "molecular targeted therapy" or sunitinib or axitinib or pazopanib or sorafenib:ti,ab,kw (Word variations have been searched) 1,146                                                                                                                                      |
|        | #5               | #3 or #4 28,564                                                                                                                                                                                                                                                                                          |
|        | #6               | #1 and #2 and #5 22                                                                                                                                                                                                                                                                                      |
|        | #7               | pubmed:an (Word variations have been searched) 487,921                                                                                                                                                                                                                                                   |
|        | #8               | #6 not #7 9                                                                                                                                                                                                                                                                                              |
|        | #9               | #8 Publication Year from 2009 8                                                                                                                                                                                                                                                                          |

## ・CQ2 腎癌に対する根治的腎摘除術後の再発予防のために補助薬物療法は推奨されるか？

|        |          |                                                                                    |
|--------|----------|------------------------------------------------------------------------------------|
| データベース | PubMed   |                                                                                    |
| 検索実行日  | 2016/6/7 |                                                                                    |
| 文献検索式  | #1       | Search "Kidney Neoplasms/drug therapy"[MH] 6,912                                   |
|        | #2       | Search "Adjuvants, Immunologic"[MH] OR "Chemotherapy, Adjuvant"[MH] 65,993         |
|        | #3       | Search #1 AND #2 311                                                               |
|        | #4       | Search #3 Filters: Publication date from 2009/01/01; Humans; English; Japanese 118 |

|        |          |                                                            |
|--------|----------|------------------------------------------------------------|
| データベース | 医中誌      |                                                            |
| 検索実行日  | 2016/6/7 |                                                            |
| 文献検索式  | #1       | (腎臓腫瘍/TH) and (SH=治療, 薬物療法) 7,543                          |
|        | #2       | アジュバント化学療法/TH or 免疫アジュバント/TH 53,679                        |
|        | #3       | 腎臓切除/TH or (術後期/TH or 術後/AL) or (周術期/TH or 周術期/AL) 541,918 |
|        | #4       | #1 and #2 and #3 308                                       |
|        | #5       | (#4) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト) 147               |

|        |                  |                                                                                                                                                                                                                                                                                |
|--------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | Cochrane CENTRAL |                                                                                                                                                                                                                                                                                |
| 検索実行日  | 2016/6/7         |                                                                                                                                                                                                                                                                                |
| 文献検索式  | #1               | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidnet carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome":ti,ab,kw (Word variations have been searched) 1,466 |
|        | #2               | adjuvant chemotherapy:ti,ab,kw (Word variations have been searched) 8,701                                                                                                                                                                                                      |
|        | #3               | "adjuvants, immunologic" or "immuno adjuvant" or immunoadjuvant or "immunological adjuvant" or "CpG oligodeoxynucleotide" or "Freund adjuvant" or "macrophage activating lipopeptide 2" or "montanide ISA 51" or "qs 21":ti,ab,kw (Word variations have been searched) 2,086   |
|        | #4               | #2 or #3 10,599                                                                                                                                                                                                                                                                |
|        | #5               | #1 and #4 65                                                                                                                                                                                                                                                                   |
|        | #6               | pubmed:an 488,625                                                                                                                                                                                                                                                              |
|        | #7               | #5 not #6 Publication Year from 2009, in Trials 18                                                                                                                                                                                                                             |

・ CQ3 進行腎癌に対する一次分子標的治療は何が推奨されるか？

|        |           |                                                                                                                                 |
|--------|-----------|---------------------------------------------------------------------------------------------------------------------------------|
| データベース | PubMed    |                                                                                                                                 |
| 検索実行日  | 2016/6/10 |                                                                                                                                 |
| 文献検索式  | #1        | Search "Kidney neoplasms/drug therapy"[Majr] 4,536                                                                              |
|        | #2        | Search metastatic[TIAB] OR advanced[TIAB] 454,812                                                                               |
|        | #3        | Search molecular target* OR sunitinib OR sorafenib OR temsirolimus OR pazopanib OR axitinib OR everolimus OR bevacizumab 56,588 |
|        | #4        | Search "first line"[TIAB] OR untreated[TIAB] OR "primary treatment"[TIAB] 207,031                                               |
|        | #5        | Search #1 AND #2 AND #3 AND #4 415                                                                                              |
|        | #6        | Search #5 Filters: Publication date from 2006/01/01; Humans; English; Japanese 382                                              |

|        |           |                                                                                                                                                                                                                                                                                                   |
|--------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | 医中誌       |                                                                                                                                                                                                                                                                                                   |
| 検索実行日  | 2016/6/10 |                                                                                                                                                                                                                                                                                                   |
| 文献検索式  | #1        | (腎臓腫瘍/TH or 腎癌/AL) 46,031                                                                                                                                                                                                                                                                         |
|        | #2        | 進行/AL or (腫瘍転移/TH or 転移/AL) 373,416                                                                                                                                                                                                                                                               |
|        | #3        | (分子標的治療/TH or 分子標的治療/AL) or 分子標的薬/AL (Sunitinib/TH or sunitinib/AL) or (Sorafenib/TH or sorafenib/AL) or (Temsirrolimus/TH or temsirolimus/AL) or (Pazopanib/TH or pazopanib/AL) or (Axitinib/TH or axitinib/AL) or (Everolimus/TH or everolimus/AL) or (Bevacizumab/TH or bevacizumab/AL) 20,483 |
|        | #4        | #3 or #4 15,116                                                                                                                                                                                                                                                                                   |
|        | #5        | #3 or #4 32,272                                                                                                                                                                                                                                                                                   |
|        | #6        | 一次/AL or ファーストライン/AL or 未治療/AL or 初期/AL 108,185                                                                                                                                                                                                                                                   |
|        | #7        | #1 and #2 and #5 and #6 107                                                                                                                                                                                                                                                                       |
|        | #8        | (#7) and (DT=2006:2016 LA=日本語, 英語 CK=ヒト) 107                                                                                                                                                                                                                                                      |

|        |                  |                                                                                                                                                                                                                                                                                                    |         |
|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | Cochrane CENTRAL |                                                                                                                                                                                                                                                                                                    |         |
| 検索実行日  | 2016/6/12        |                                                                                                                                                                                                                                                                                                    |         |
| 文献検索式  | #1               | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw (Word variations have been searched) | 1,124   |
|        | #2               | metastatic or advanced:ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                               | 37,238  |
|        | #3               | "molecular target" or sunitinib or sorafenib or temsirolimus or pazopanib or axitinib or everolimus or bevacizumab:ti,ab,kw (Word variations have been searched)                                                                                                                                   | 4,509   |
|        | #4               | "first line" or untreated or "primary treatment":ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                     | 18,848  |
|        | #5               | #1 and #2 and #3 and #4                                                                                                                                                                                                                                                                            | 122     |
|        | #6               | pubmed:an                                                                                                                                                                                                                                                                                          | 488,625 |
|        | #7               | #5 not #6                                                                                                                                                                                                                                                                                          | 75      |
|        | #8               | #7 Publication Year from 2006, in Trials                                                                                                                                                                                                                                                           | 75      |

・CQ4 二次薬物療法としての分子標的治療は何が推奨されるか？

|        |           |                                                                                                                                                                                                          |         |
|--------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | PubMed    |                                                                                                                                                                                                          |         |
| 検索実行日  | 2016/6/14 |                                                                                                                                                                                                          |         |
| 文献検索式  | #1        | Search "Kidney neoplasms/drug therapy"[Major]                                                                                                                                                            | 4,543   |
|        | #2        | Search metastatic[TIAB] OR advanced[TIAB]                                                                                                                                                                | 455,186 |
|        | #3        | Search molecular target* OR sunitinib OR sorafenib OR temsirolimus OR pazopanib OR axitinib OR everolimus OR bevacizumab                                                                                 | 56,666  |
|        | #4        | Search "second line"[TIAB] OR "previously treated"[TIAB] OR "previous treatment"[TIAB] OR "prior treatment"[TIAB] OR "previous anticancer therapy"[TIAB] OR "previous therapy"[TIAB] OR progressed[TIAB] | 75,301  |
|        | #5        | Search #1 AND #2 AND #3 AND #4                                                                                                                                                                           | 319     |
|        | #6        | Search #5 Filters: Publication date from 2006/01/01; Humans; English; Japanese                                                                                                                           | 297     |

|        |           |                                                                                                                                                                                                                                                       |         |
|--------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | 医中誌       |                                                                                                                                                                                                                                                       |         |
| 検索実行日  | 2016/6/13 |                                                                                                                                                                                                                                                       |         |
| 文献検索式  | #1        | (腎臓腫瘍/TH or 腎癌/AL)                                                                                                                                                                                                                                    | 46,031  |
|        | #2        | 進行/AL or (腫瘍転移/TH or 転移/AL)                                                                                                                                                                                                                           | 373,416 |
|        | #3        | (分子標的治療/TH or 分子標的治療/AL) or 分子標的薬/AL                                                                                                                                                                                                                  | 20,483  |
|        | #4        | (Sunitinib/TH or sunitinib/AL) or (Sorafenib/TH or sorafenib/AL) or (Temsirrolimus/TH or temsirolimus/AL) or (Pazopanib/TH or pazopanib/AL) or (Axitinib/TH or axitinib/AL) or (Everolimus/TH or everolimus/AL) or (Bevacizumab/TH or bevacizumab/AL) | 15,116  |
|        | #5        | #3 or #4                                                                                                                                                                                                                                              | 32,272  |
|        | #6        | 二次/AL or セカンドライン/AL                                                                                                                                                                                                                                   | 45,060  |
|        | #7        | #1 and #2 and #5 and #6                                                                                                                                                                                                                               | 24      |
|        | #8        | (#7) and (DT=2006:2016 LA=日本語, 英語 CK=ヒト)                                                                                                                                                                                                              | 24      |

|        |                  |                                                                                                                                                                                                                                                                                                    |         |
|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | Cochrane CENTRAL |                                                                                                                                                                                                                                                                                                    |         |
| 検索実行日  | 2016/6/13        |                                                                                                                                                                                                                                                                                                    |         |
| 文献検索式  | #1               | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw (Word variations have been searched) | 1,124   |
|        | #2               | metastatic or advanced:ti,ab,kw (Word variations have been searched)                                                                                                                                                                                                                               | 37,238  |
|        | #3               | molecular target or sunitinib or sorafenib or temsirolimus or pazopanib or axitinib or everolimus or bevacizumab:ti,ab,kw (Word variations have been searched)                                                                                                                                     | 4,509   |
|        | #4               | second line or "previously treated" or "previous treatment" or "prior treatment" or "previous anticancer therapy" or "previous therapy":ti,ab,kw (Word variations have been searched)                                                                                                              | 5,646   |
|        | #5               | #1 and #2 and #3 and #4                                                                                                                                                                                                                                                                            | 70      |
|        | #6               | pubmed:an                                                                                                                                                                                                                                                                                          | 488,625 |
|        | #7               | #5 not #6 Publication Year from 2006, in Trials                                                                                                                                                                                                                                                    | 44      |

・ CQ5 進行腎癌に対する三次治療以降の分子標的治療は何が推奨されるか？

|        |                                                                                                                             |         |
|--------|-----------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | PubMed                                                                                                                      |         |
| 検索実行日  | 2016/6/16                                                                                                                   |         |
| 文献検索式  | #1 Search "Kidney neoplasms/drug therapy"[Majr]                                                                             | 4,547   |
|        | #2 Search metastatic[TIAB] OR advanced[TIAB]                                                                                | 455,452 |
|        | #3 Search molecular target* OR sunitinib OR sorafenib OR temsirolimus OR pazopanib OR axitinib OR everolimus OR bevacizumab | 56,740  |
|        | #4 Search "third line"[TIAB] OR "fourth line"[TIAB] OR sequential*[TIAB] OR progressed[TIAB]                                | 173,126 |
|        | #5 Search #1 AND #2 AND #3 AND #4                                                                                           | 213     |
|        | #6 Search #5 Filters: Publication date from 2006/01/01; Humans; English; Japanese                                           | 200     |

|        |                                                                                                                                                                                                                                                          |         |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | 医中誌                                                                                                                                                                                                                                                      |         |
| 検索実行日  | 2016/6/16                                                                                                                                                                                                                                                |         |
| 文献検索式  | #1 (腎臓腫瘍/TH or 腎癌/AL)                                                                                                                                                                                                                                    | 46,111  |
|        | #2 進行/AL or (腫瘍転移/TH or 転移/AL)                                                                                                                                                                                                                           | 374,101 |
|        | #3 (分子標的治療/TH or 分子標的治療/AL) or 分子標的薬/AL                                                                                                                                                                                                                  | 20,532  |
|        | #4 (Sunitinib/TH or sunitinib/AL) or (Sorafenib/TH or sorafenib/AL) or (Temsirrolimus/TH or temsirolimus/AL) or (Pazopanib/TH or pazopanib/AL) or (Axitinib/TH or axitinib/AL) or (Everolimus/TH or everolimus/AL) or (Bevacizumab/TH or bevacizumab/AL) | 15,187  |
|        | #5 #3 or #4                                                                                                                                                                                                                                              | 32,386  |
|        | #6 三次/AL or サードライン/AL or 四次/AL or フォースライン/AL or 逐次/AL or 継続/AL or sequential/AL                                                                                                                                                                          | 130,209 |
|        | #7 #1 and #2 and #5 and #6                                                                                                                                                                                                                               | 146     |
|        | #8 (#7) and (DT=2006:2016 LA=日本語, 英語 CK=ヒト)                                                                                                                                                                                                              | 146     |

|        |                                                                                                                                                                                                                                                                                                                 |         |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | Cochrane CENTRAL                                                                                                                                                                                                                                                                                                |         |
| 検索実行日  | 2016/6/16                                                                                                                                                                                                                                                                                                       |         |
| 文献検索式  | #1 "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) | 1,124   |
|        | #2 metastatic or advanced:ti,ab,kw in Trials (Word variations have been searched)                                                                                                                                                                                                                               | 34,797  |
|        | #3 molecular target or sunitinib or sorafenib or temsirolimus or pazopanib or axitinib or everolimus or bevacizumab:ti,ab,kw in Trials (Word variations have been searched)                                                                                                                                     | 4,592   |
|        | #4 "third line" or "fourth line" or sequential* or progressed:ti,ab,kw in Trials (Word variations have been searched)                                                                                                                                                                                           | 15,712  |
|        | #5 #1 and #2 and #3 and #4                                                                                                                                                                                                                                                                                      | 62      |
|        | #6 pubmed:an in Trials                                                                                                                                                                                                                                                                                          | 488,625 |
|        | #7 #5 not #6 Publication Year from 2006, in Trials                                                                                                                                                                                                                                                              | 39      |

・ CQ6 進行腎癌に対する免疫療法は推奨されるか？

|        |                                                                                   |         |
|--------|-----------------------------------------------------------------------------------|---------|
| データベース | PubMed                                                                            |         |
| 検索実行日  | 2016/6/21                                                                         |         |
| 文献検索式  | #1 Search "Kidney neoplasms/drug therapy"[Majr]                                   | 4,547   |
|        | #2 Search metastatic[TIAB] OR metastasis[TIAB] OR advanced[TIAB]                  | 567,447 |
|        | #3 Search "Cytokines"[Mesh] OR "Immunotherapy"[Mesh]                              | 789,691 |
|        | #4 Search nivolumab OR atezolizumab OR pembrolizumab OR avelumab                  | 744     |
|        | #5 Search #3 OR #4                                                                | 790,292 |
|        | #6 Search #1 AND #2 AND #5                                                        | 856     |
|        | #7 Search #6 Filters: Publication date from 2009/01/01; Humans; English; Japanese | 277     |

|        |           |                                                                                                                                     |
|--------|-----------|-------------------------------------------------------------------------------------------------------------------------------------|
| データベース | 医中誌       |                                                                                                                                     |
| 検索実行日  | 2016/6/21 |                                                                                                                                     |
| 文献検索式  | #1        | (腎臓腫瘍/MTH) and (SH=治療, 薬物療法) 5,216                                                                                                  |
|        | #2        | 進行/AL or (腫瘍転移/TH or 転移/AL) 374,101                                                                                                 |
|        | #3        | 免疫療法/TH or Cytokines/TH 224,002                                                                                                     |
|        | #4        | (Nivolumab/TH or nivolumab/AL) or (Atezolizumab/TH or atezolizumab/AL) or (Pembrolizumab/TH or pembrolizumab/AL) or avelumab/AL 358 |
|        | #5        | #3 or #4 224,258                                                                                                                    |
|        | #6        | #1 and #2 and #5 699                                                                                                                |
|        | #7        | (#6) and (DT=2009:2016 LA=日本語, 英語 CK=ヒト) 303                                                                                        |

|        |                  |                                                                                                                                                                                                                                                                                                                    |
|--------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | Cochrane CENTRAL |                                                                                                                                                                                                                                                                                                                    |
| 検索実行日  | 2016/6/21        |                                                                                                                                                                                                                                                                                                                    |
| 文献検索式  | #1               | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) 1,124 |
|        | #2               | metastatic or metastasis or advanced:ti,ab,kw in Trials (Word variations have been searched) 40,312                                                                                                                                                                                                                |
|        | #3               | immunotherapy or "biologic response modifier therapy" or "biological response modifier therapy" or "BRM therapy" or "immune therapy" or "immunoglobulin therapy" or "immunological therapy":ti,ab,kw in Trials (Word variations have been searched) 4,860                                                          |
|        | #4               | cytokine or interleukin or interferon:ti,ab,kw in Trials (Word variations have been searched) 22,601                                                                                                                                                                                                               |
|        | #5               | nivolumab or atezolizumab or pembrolizumab or avelumab:ti,ab,kw in Trials (Word variations have been searched) 71                                                                                                                                                                                                  |
|        | #6               | #3 or #4 or #5 26,634                                                                                                                                                                                                                                                                                              |
|        | #7               | #1 and #2 and #6 411                                                                                                                                                                                                                                                                                               |
|        | #8               | pubmed:an 488,625                                                                                                                                                                                                                                                                                                  |
|        | #9               | #7 not #8 Publication Year from 2009, in Trials 113                                                                                                                                                                                                                                                                |

・ CQ7 非淡明細胞型腎細胞癌に対する薬物療法は何が推奨されるか？

|        |           |                                                                                                                         |
|--------|-----------|-------------------------------------------------------------------------------------------------------------------------|
| データベース | PubMed    |                                                                                                                         |
| 検索実行日  | 2016/6/22 |                                                                                                                         |
| 文献検索式  | #1        | Search "Carcinoma, Renal Cell/therapy"[Majr] 8,901                                                                      |
|        | #2        | Search "non clear" OR papillary OR chromophobe OR bellini OR "clear cell" 73,252                                        |
|        | #3        | Search "Cytokines"[Mesh] OR "Immunotherapy"[Mesh] 790,215                                                               |
|        | #4        | Search targeted OR sunitinib OR sorafenib OR temsirolimus OR pazopanib OR axitinib OR everolimus OR bevacizumab 240,436 |
|        | #5        | Search #3 OR #4 1,015,134                                                                                               |
|        | #6        | Search #1 AND #2 AND #5 554                                                                                             |
|        | #7        | Search #6 Filters: Publication date from 2006/01/01; Humans; English; Japanese 468                                      |

|        |           |                                                                                                                                                                                                                                                                       |
|--------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| データベース | 医中誌       |                                                                                                                                                                                                                                                                       |
| 検索実行日  | 2016/6/22 |                                                                                                                                                                                                                                                                       |
| 文献検索式  | #1        | (腎細胞癌/TH or 腎細胞癌/AL) 24,479                                                                                                                                                                                                                                           |
|        | #2        | 淡明/AL or clear/AL or 乳頭状/AL or 嫌色素性/AL or (腎集合管/TH or 集合管/AL) or bellini/AL 37,002                                                                                                                                                                                    |
|        | #3        | (免疫療法/TH or 免疫療法/AL) or (Cytokines/TH or cytokines/AL) 237,758                                                                                                                                                                                                        |
|        | #4        | 標的/AL or (Sunitinib/TH or sunitinib/AL) or (Sorafenib/TH or sorafenib/AL) or (Temsirrolimus/TH or temsirolimus/AL) or (Pazopanib/TH or pazopanib/AL) or (Axitinib/TH or axitinib/AL) or (Everolimus/TH or everolimus/AL) or (Bevacizumab/TH or bevacizumab/AL) 57,292 |
|        | #5        | #3 or #4 288,839                                                                                                                                                                                                                                                      |
|        | #6        | #1 and #2 and #5 270                                                                                                                                                                                                                                                  |
|        | #7        | (#6) and (DT=2006:2016 LA=日本語, 英語 CK=ヒト) 224                                                                                                                                                                                                                          |



|        |                  |                                                                                                                                                                                                                                                                                                              |         |
|--------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | Cochrane CENTRAL |                                                                                                                                                                                                                                                                                                              |         |
| 検索実行日  | 2016/6/22        |                                                                                                                                                                                                                                                                                                              |         |
| 文献検索式  | #1               | "kidney tumor" or "kidney cancer" or "Denys Drash syndrome" or "kidney carcinoma" or "kidney metastasis" or "kidney pelvis cancer" or "kidney pelvis carcinoma" or "kidney sarcoma" or "nephroblastoma" or "WAGR syndrome" or "renal cell carcinoma":ti,ab,kw in Trials (Word variations have been searched) | 1,124   |
|        | #2               | "non clear" or papillary or chromophobe or bellini or "clear cell":ti,ab,kw in Trials (Word variations have been searched)                                                                                                                                                                                   | 958     |
|        | #3               | immunotherapy or "biologic response modifier therapy" or "biological response modifier therapy" or "BRM therapy" or "immune therapy" or "immunoglobulin therapy" or "immunological therapy":ti,ab,kw in Trials (Word variations have been searched)                                                          | 4,860   |
|        | #4               | cytokine or interleukin or interferon:ti,ab,kw in Trials (Word variations have been searched)                                                                                                                                                                                                                | 22,601  |
|        | #5               | targeted or sunitinib or sorafenib or temsirolimus or pazopanib or axitinib or everolimus or bevacizumab:ti,ab,kw in Trials (Word variations have been searched)                                                                                                                                             | 34,442  |
|        | #6               | #3 or #4 or #5                                                                                                                                                                                                                                                                                               | 59,653  |
|        | #7               | #1 and #2 and #6                                                                                                                                                                                                                                                                                             | 131     |
|        | #8               | pubmed:an                                                                                                                                                                                                                                                                                                    | 488,625 |
|        | #9               | #7 not #8 Publication Year from 2006, in Trials                                                                                                                                                                                                                                                              | 89      |

## ●分野5 病理

### ・CQ1 病理組織学的な予後因子としてどのようなものが推奨されるか？

|        |           |                                                                                |           |
|--------|-----------|--------------------------------------------------------------------------------|-----------|
| データベース | PubMed    |                                                                                |           |
| 検索実行日  | 2016/5/11 |                                                                                |           |
| 文献検索式  | #1        | Search "Kidney Neoplasms/pathology"[Mesh]                                      | 25,004    |
|        | #2        | Search "Survival Analysis"[Mesh] OR "Prognosis"[Mesh]                          | 1,312,104 |
|        | #3        | Search (histologic* OR histopathologic*) AND subtyp*                           | 16,143    |
|        | #4        | Search "nuclear grade" OR necrosis OR sarcomatoid differentiation              | 329,776   |
|        | #5        | Search #3 or #4                                                                | 345,186   |
|        | #6        | Search #1 and #2 and #5                                                        | 857       |
|        | #7        | Search #6 Filters: Publication date from 2006/01/01; Humans; English; Japanese | 552       |

|        |           |                                                             |         |
|--------|-----------|-------------------------------------------------------------|---------|
| データベース | 医中誌       |                                                             |         |
| 検索実行日  | 2016/5/11 |                                                             |         |
| 文献検索式  | #1        | (腎臓腫瘍/TH) and (SH=病理学)                                      | 5,941   |
|        | #2        | (組織/TH or 組織型/AL) or 核異型/AL or (壊死/TH or 壊死/AL) or 肉腫様変化/AL | 454,574 |
|        | #3        | (予後/TH or 予後/AL) or (生存/TH or 生存/AL)                        | 697,208 |
|        | #4        | #1 and #2 and #3                                            | 74      |
|        | #5        | (#4) and (DT=2006:2016 and LA=日本語, 英語 and CK=ヒト)            | 51      |

### ・CQ2 転座型腎細胞癌の診断にはどのような検査法が推奨されるか？

|        |           |                                                                                |         |
|--------|-----------|--------------------------------------------------------------------------------|---------|
| データベース | PubMed    |                                                                                |         |
| 検索実行日  | 2016/5/12 |                                                                                |         |
| 文献検索式  | #1        | Search "Kidney Neoplasms/genetics"[Mesh] OR "Kidney Neoplasms/diagnosis"[Mesh] | 39,290  |
|        | #2        | Search translocation OR translocat*                                            | 328,676 |
|        | #3        | Search #1 and #2                                                               | 872     |
|        | #4        | Search #3 Filters: Publication date from 2006/01/01; Humans; English; Japanese | 405     |

|        |           |                                                  |        |
|--------|-----------|--------------------------------------------------|--------|
| データベース | 医中誌       |                                                  |        |
| 検索実行日  | 2016/5/12 |                                                  |        |
| 文献検索式  | #1        | 腎臓腫瘍/TH                                          | 43,794 |
|        | #2        | (転座/TH or 転座/AL)                                 | 7,208  |
|        | #3        | #1 and #2                                        | 174    |
|        | #4        | (#3) and (DT=2006:2016 and LA=日本語, 英語 and CK=ヒト) | 151    |

### ・CQ3 透析腎癌を特徴づける病理学的因子としてどのようなものが推奨されるか？

|        |           |                                                                                                                    |         |
|--------|-----------|--------------------------------------------------------------------------------------------------------------------|---------|
| データベース | PubMed    |                                                                                                                    |         |
| 検索実行日  | 2016/5/12 |                                                                                                                    |         |
| 文献検索式  | #1        | Search "Kidney Neoplasms/pathology"[Mesh]                                                                          | 25,008  |
|        | #2        | Search histologic* OR calcium oxalate OR "Biomarkers, Tumor"[Mesh]                                                 | 603,252 |
|        | #3        | Search "Kidney Failure, Chronic"[Mesh] OR "Kidney Diseases, Cystic"[Mesh] OR dialysis OR "end-stage renal disease" | 214,786 |
|        | #4        | Search #1 and #2 and #3                                                                                            | 165     |
|        | #5        | Search #4 Filters: Publication date from 2006/01/01; Humans; English; Japanese                                     | 69      |

|        |           |                                                                                                |         |
|--------|-----------|------------------------------------------------------------------------------------------------|---------|
| データベース | 医中誌       |                                                                                                |         |
| 検索実行日  | 2016/5/12 |                                                                                                |         |
| 文献検索式  | #1        | (腎臓腫瘍/TH) and (SH=病理学)                                                                         | 5,941   |
|        | #2        | 腎不全-慢性/TH or 腎嚢胞/TH or (血液透析/TH or 透析/AL)                                                      | 215,910 |
|        | #3        | (組織/TH or 組織/AL) or ("Calcium Oxalate"/TH or "Calcium Oxalate"/AL) or (腫瘍マーカー/TH or 腫瘍マーカー/AL) | 906,608 |
|        | #4        | #1 and #2 and #3                                                                               | 157     |
|        | #5        | (#4) and (DT=2006:2016 and LA=日本語, 英語 and CK=ヒト)                                               | 106     |

●分野6 フォローアップ

・CQ1 早期の腎癌患者に対して監視療法は推奨されるか？

|        |           |                                                                                |        |
|--------|-----------|--------------------------------------------------------------------------------|--------|
| データベース | PubMed    |                                                                                |        |
| 検索実行日  | 2016/5/13 |                                                                                |        |
| 文献検索式  | #1        | Search "Kidney Neoplasms"[Mesh]                                                | 63,310 |
|        | #2        | Search active surveillance OR watchful waiting                                 | 14,316 |
|        | #3        | Search #1 and #2                                                               | 241    |
|        | #4        | Search #3 Filters: Publication date from 2006/01/01; Humans; English; Japanese | 206    |

|        |           |                                                                              |        |
|--------|-----------|------------------------------------------------------------------------------|--------|
| データベース | 医中誌       |                                                                              |        |
| 検索実行日  | 2016/5/13 |                                                                              |        |
| 文献検索式  | #1        | 腎臓腫瘍/TH                                                                      | 43,794 |
|        | #2        | 集団サーベイランス/TH or 待機療法/TH or "active surveillance"/AL or "watchful waiting"/AL | 8,998  |
|        | #3        | #1 and #2                                                                    | 34     |
|        | #4        | (#3) and (DT=2006:2016 LA=日本語, 英語 CK=ヒト)                                     | 34     |

・CQ2 根治的腎摘除術後のフォローアップの際にどのようなプロトコルが推奨されるか？

|        |           |                                                                                                      |           |
|--------|-----------|------------------------------------------------------------------------------------------------------|-----------|
| データベース | PubMed    |                                                                                                      |           |
| 検索実行日  | 2016/5/13 |                                                                                                      |           |
| 文献検索式  | #1        | Search "Kidney Neoplasms/therapy"[Mesh]                                                              | 26,756    |
|        | #2        | Search survival rate OR treatment outcome OR recurrence OR metastasis OR postoperative complications | 2,025,301 |
|        | #3        | Search follow-up OR followup OR management                                                           | 2,999,433 |
|        | #4        | Search guideline OR guidelines OR recommendations OR protocols OR pathways                           | 1,155,791 |
|        | #5        | Search #1 and #2 and #3 and #4                                                                       | 532       |
|        | #6        | Search #5 Filters: Publication date from 2009/01/01; Humans; English; Japanese                       | 249       |

|        |           |                                                                                                                          |         |
|--------|-----------|--------------------------------------------------------------------------------------------------------------------------|---------|
| データベース | 医中誌       |                                                                                                                          |         |
| 検索実行日  | 2016/5/13 |                                                                                                                          |         |
| 文献検索式  | #1        | (腎臓腫瘍/TH) and (SH=治療, 外科的療法)                                                                                             | 16,034  |
|        | #2        | (追跡研究/TH or "follow-up studies"/AL) or フォローアップ/AL or "follow up"/AL or "follow-up"/AL or 経過観察/AL or (術後管理/TH or 術後管理/AL) | 133,699 |
|        | #3        | (生存率/TH or "survival rate"/AL) or (生存率/TH or 生存率/AL) or (治療成績/TH or "treatment outcome"/AL) or (治療成績/TH or 治療成績/AL)      | 311,607 |
|        | #4        | (再発/TH or 再発/AL) or (腫瘍再発/TH or 腫瘍再発/AL) or (感情転移/TH or 転移/AL) or (腫瘍転移/TH or 腫瘍転移/AL)                                   | 375,671 |
|        | #5        | (術後合併症/TH or 術後合併症/AL)                                                                                                   | 191,415 |
|        | #6        | #3 or #4 or #5                                                                                                           | 817,093 |
|        | #7        | #1 and #2 and #6                                                                                                         | 465     |
|        | #8        | (#7) and (DT=2009:2016 and LA=日本語, 英語 and CK=ヒト)                                                                         | 214     |