

Clinical trials of mTOR inhibitor for renal-cell carcinoma (advanced) in all type of patients

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1 mTor inhibitor

| Trial | Treatments | Patients | Trials design and methods |
|--|---|---|---------------------------|
| temsirolimus vs interferon alpha | | | |
| ARCC (Hudes) temsirolimus alone , 2007 [NCT00065468] n=209/207 follow-up: | 25 mg of intravenous temsirolimus weekly versus 3 million U of interferon alfa (with an increase to 18 millionU) subcutaneously three times weekly | patients with previously untreated, poor-prognosis metastatic renal-cell carcinoma | |
| everolimus vs placebo | | | |
| RECORD-1 , 2008 [NCT00410124] n=272/138 follow-up: | everolimus 10 mg once daily versus placebo | Patients with metastatic renal cell carcinoma which had progressed on sunitinib, sorafenib, or both | |
| temsirolimus vs sorafenib | | | |
| INTORSECT , 2014 [NCT00474786] n=259/253 follow-up: | temsirolimus 25 mg once weekly by intravenous (IV) infusion versus sorafenib 400 mg PO twice daily | Second-Line Therapy In Patients With Advanced RCC Who Have Failed First-Line Sunitinib | |
| everolimus vs sunitinib | | | |
| RECORD 3 , 2014 [NCT00903175] n=238/233 follow-up: | everolimus versus sunitinib | patients with metastatic renal cell carcinoma | Cross over |

References

ARCC (Hudes) temsirolimus alone, 2007:

Hudes G, Carducci M, Tomczak P, Dutcher J, Figlin R, Kapoor A, Staroslawska E, Sosman J, McDermott D, Bodrogi I, Kovacevic Z, Lesovoy V, Schmidt-Wolf IG, Barbarash O, Gokmen E, O'Toole T, Lustgarten S, Moore L, Motzer RJ Temsirolimus, interferon alfa, or both for advanced renal-cell carcinoma. N Engl J Med 2007;356:2271-81 [[17538086](#)]

RECORD-1, 2008:

Motzer RJ, Escudier B, Oudard S, Hutson TE, Porta C, Bracarda S, Grnwald V, Thompson JA, Figlin RA, Hollaender N, Urbanowitz G, Berg WJ, Kay A, Lebwohl D, Ravaud A Efficacy of everolimus in advanced renal cell carcinoma: a double-blind, randomised, placebo-controlled phase III trial. Lancet 2008;372:449-56 [[18653228](#)]

INTORSECT, 2014:

Hutson TE, Escudier B, Esteban E, Bjarnason GA, Lim HY, Pittman KB, Senico P, Niethammer A, Lu DR, Hariharan S, Motzer RJ Randomized phase III trial of temsirolimus versus sorafenib as second-line therapy after sunitinib in patients with metastatic renal cell carcinoma. J Clin Oncol 2014;32:760-7 [[24297950](#)]

RECORD 3, 2014:

Motzer RJ, Barrios CH, Kim TM, Falcon S, Cosgriff T, Harker WG, Srimuninnimit V, Pittman K, Sabbatini R, Rha SY, Flaig TW, Page R, Bavbek S, Beck JT, Patel P, Cheung FY, Yadav S, Schiff EM, Wang X, Niolat J, Sellami D, Anak O, Knox JJ Phase II randomized trial comparing sequential first-line everolimus and second-line sunitinib versus first-line sunitinib and second-line everolimus in patients with metastatic renal cell carcinoma. *J Clin Oncol* 2014;32:2765-72 [25049330]

Entry terms: everolimus eluting stent, XIENCE V, Guidant XIENCE V, Abbott XIENCE V, XIENCE 5, SDZ RAD, SDZ-RAD, 40-O-(2-hydroxyethyl)-rapamycin, RAD 001, RAD001, Afinitor, Certican,

2 About TrialResults-center.org

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The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

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