

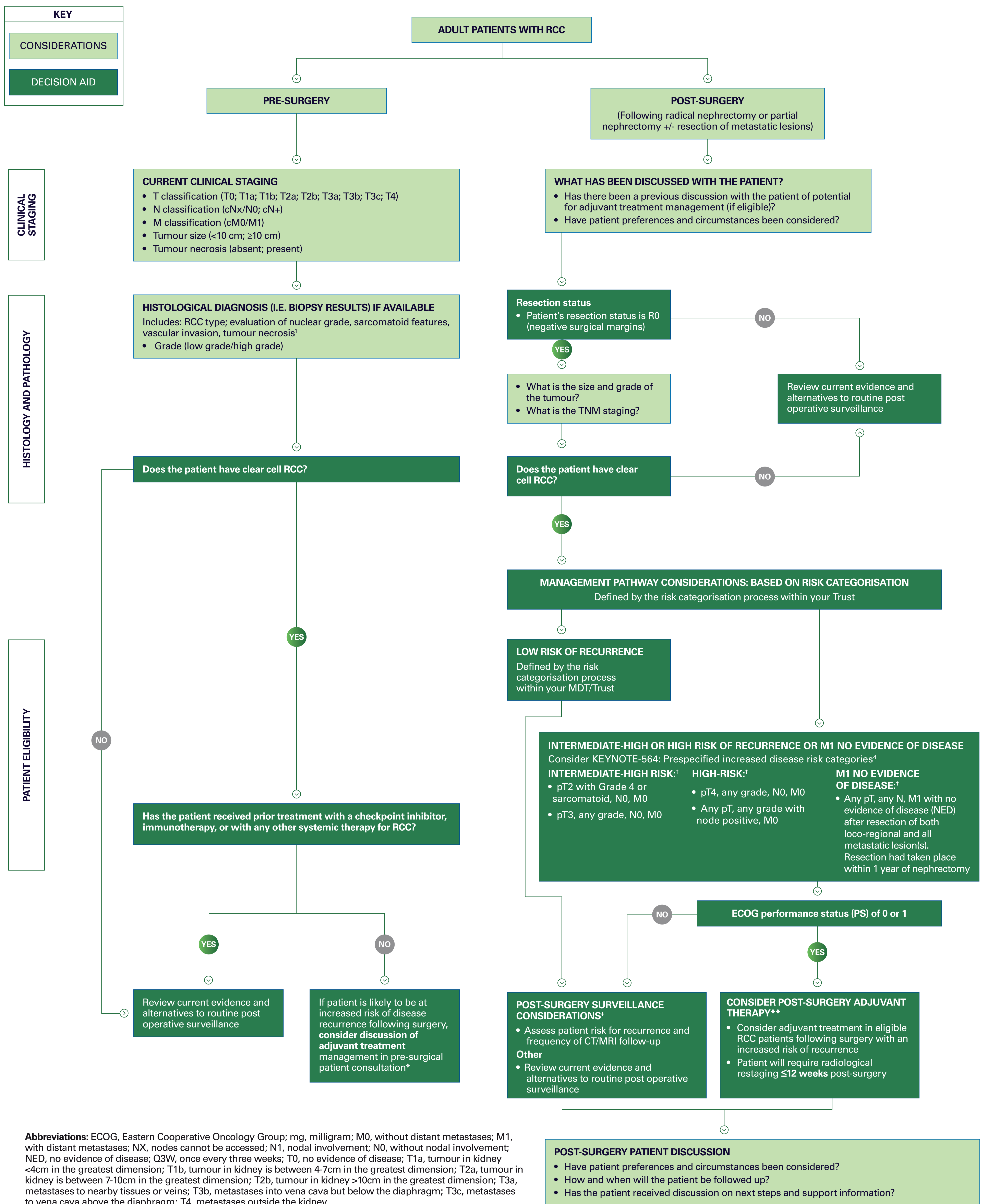
The creation of this resource has been fully funded by MSD and developed in collaboration with Miss. Maxine Tran, Honorary Consultant Urological Surgeon at Royal Free Hospital London and Professor of Urology at UCL; and Dr. Ricky Frazer, Medical Oncology Consultant at Velindre Cancer Centre (VCC) and Honorary Clinical Lecturer at Cardiff University who have received an honorarium for their services. Their views are their own, based upon their clinical experience and are not necessarily representative of their institutions.

Purpose of this resource

In recognition of the evolving renal cell carcinoma (RCC) treatment pathway, this resource has been developed to aid decision making within pre- and post-operative MDT meetings to assist in identifying the suitable treatment choices for patients with RCC. The flow chart and content reflect key considerations based on the consulted clinicians experience and available evidence related to the current RCC pathway in the UK of licensed and funded treatment options only.

Responsibility for treatment decisions ultimately remains with the treating healthcare professional(s).

RENAL CELL CARCINOMA (RCC) PRE-OPERATIVE CONSIDERATIONS & POST-OPERATIVE MDT DECISION AID



***Pre-surgery considerations of adjuvant therapy with KEYTRUDA (pembrolizumab)**

- Initiation is necessary within 12 weeks from the date of nephrectomy or metastasectomy^{2,4}
- Urologist and/or MDT member to book CT/MRI scan for restaging post-surgery within timelines for commencing any additional treatment

****Post-surgery considerations of adjuvant therapy with KEYTRUDA (pembrolizumab)**

- Patient has not received prior treatment with a checkpoint inhibitor, immunotherapy, or with any other systemic therapy for RCC
- Always refer to the Summary of Product Characteristics before prescribing decisions and evaluate contraindications or comorbidities to immunotherapy
- Pembrolizumab as monotherapy should be permanently discontinued for Grade 4 or recurrent Grade 3 immune-related adverse reactions, unless otherwise specified in the SmPC²
- Consider if initiation is within 12 weeks from the date of nephrectomy or metastasectomy^{2,4}
- Refer to NHS England blueteq criteria, or devolved nations local prescribing guidelines appropriately

Always refer to the Summary of Product Characteristics and Risk Minimisation Materials before making prescribing decisions.

KEYTRUDA® (pembrolizumab) as monotherapy is indicated for the adjuvant treatment of adults with renal cell carcinoma at increased risk of recurrence following nephrectomy, or following nephrectomy and resection of metastatic lesions.²

Click the link below to access the MSD Connect website which includes promotional information and resources on the KEYNOTE-564 trial and management of RCC patients: [Training and resources RCC | KEYTRUDA® \(pembrolizumab\) | MSD Connect UK](#)

¹KEYNOTE-564: Randomised double-blinded phase 3 trial in patients with resected clear cell renal cell cancer with increased risk of recurrence. Patients were randomised 1:1 (N=994), KEYTRUDA 200 mg IV Q3W (n=496), placebo (saline solution) Q3W (n=498). Primary end point was investigator assessed disease free survival (DFS). Risk categories in KEYNOTE-564 were defined by pathological TNM and Fuhrman grading status.⁴

[‡]For all risk recurrence profiles, functional follow-up, mainly monitoring renal and cardiovascular function, may continue according to specific clinical needs irrespective of the length of oncological follow-up.¹

References:

- EAU Guidelines on Renal Cell Carcinoma. 2023. Available at: <https://uroweb.org/guidelines/renal-cell-carcinoma>. Last accessed June 2023.
- KEYTRUDA® Summary of Product Characteristics.
- Leibovich BC *et al.* Cancer. 2003;97(7):1663-1671.
- Choueiri TK *et al.* N Engl J Med. 2021;385(8):683-694.

[Access the GB Prescribing Information here](#)

[Access the NI Prescribing Information here](#)

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