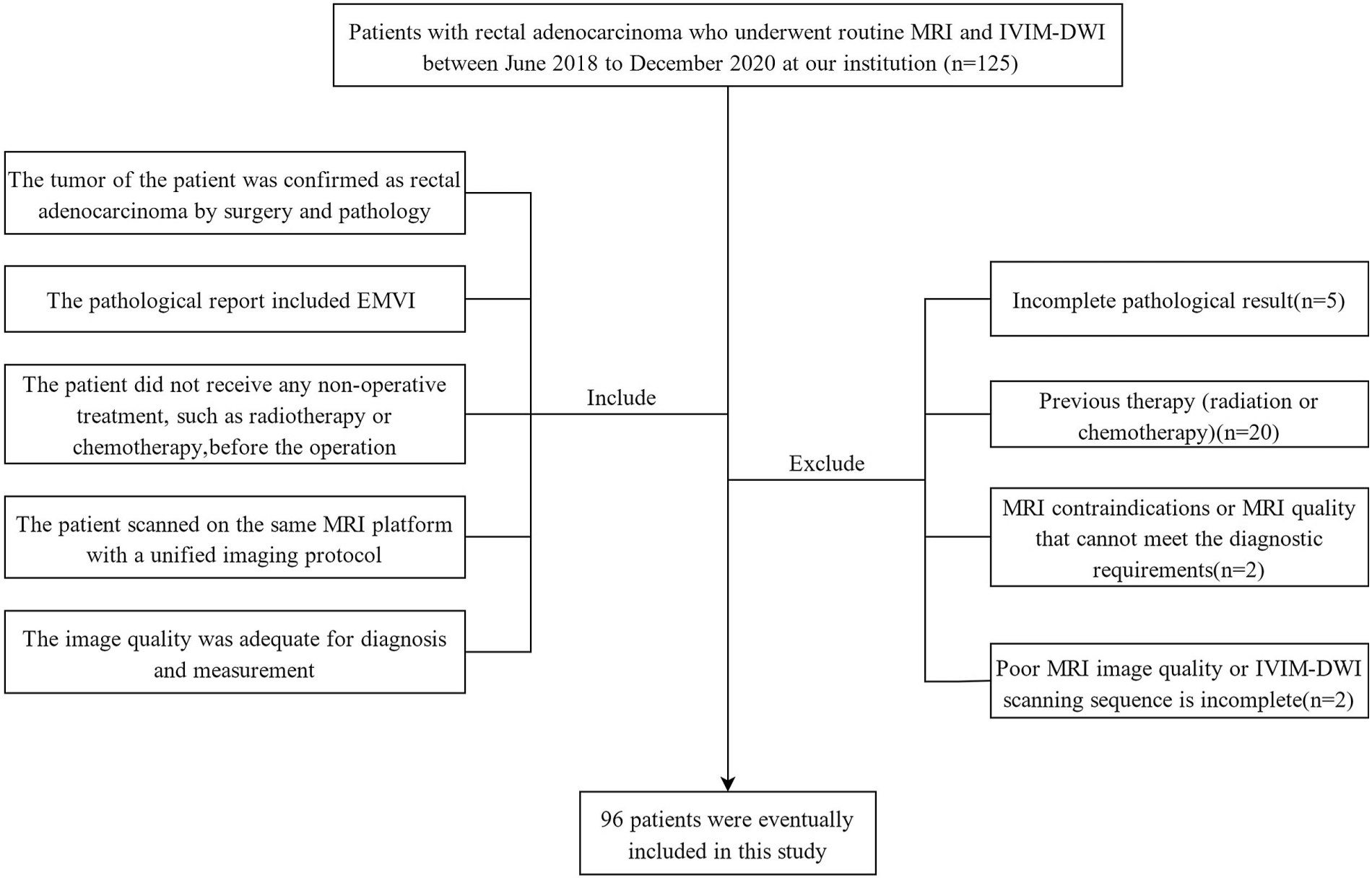
Patients with rectal adenocarcinoma who underwent routine MRI and IVIM-DWI between June 2018 to December 2020 at our institution (n=125)
Include
The tumor of the patient was confirmed as rectal adenocarcinoma by surgery and pathology
The pathological report included EMVI
The patient did not receive any non-operative treatment, such as radiotherapy or chemotherapy,before the operation
The patient scanned on the same MRI platform with a unified imaging protocol
The image quality was adequate for diagnosis and measurement
Exclude
Incomplete pathological result(n=5)
Previous therapy (radiation or chemotherapy)(n=20)
MRI contraindications or MRI quality that cannot meet the diagnostic requirements(n=2)
Poor MRI image quality or IVIM-DWI scanning sequence is incomplete(n=2)
96 patients were eventually included in this study