Computer-aided search revealed studies N=1310

Irrelevant titles and abstracts, and repetitive presence in more than database N=1209

Potential full texts for included N=101

Non-original research N=10;
Not reporting the diagnostic performance of liver or peritoneal metastasis N=29;
Insufficient data N=11;
Included patients with non-adenocarcinoma N=6;
Included patients with gastric carcinoma confined to a specific part of the stomach N=11
Included patients received neoadjuvant chemotherapy N=1

Eligible studies N=33

US studies N=8
EUS studies N=5
CT studies N=22
MRI studies N=2
18F-FDG PET studies N=5

Fig. 1 QUORUM flow chart for including studies