

Online Resource 2: QUADAS-2

This supplementary information is part of *“Identifying the primary tumour in patients with cancer of unknown primary (CUP) using FDG PET/CT: a systematic review and individual patient data meta-analysis”*.

Online Resource 2A: QUADAS-2 criteria

Signalling questions to assess included articles are listed below.

Risk of Bias

Patient selection:

Were consecutive or random CUP patients enrolled?

Index test

Was the interpretation of FDG PET/CT interpreted blindly by experienced nuclear medicine physicians?

Reference standard

Was the reference standard described in sufficient detail?

Flow and timing

Was there an appropriate (short) time-interval between CUP diagnosis and FDG PET/CT?

Applicability concerns

Patient selection

Were all patients real CUP?(i.e.: was the pre-FDG PET/CT work-up sufficient and extensive enough?)

Index test

Was FDG PET/CT acquisition described sufficiently and in line with-, or similar to standard whole-body FDG PET/CT investigations?

Reference standard

Is the reference standard used in the included studies similar to the one that would be used in the target population?

[Online Resource 2B: QUADAS-2 scores](#)

Results of the QUADAS-2 assessment.

Study	Risk of bias				Applicability concerns		
	Patient election	Index test	Reference standard	Flow and timing	Patient selection	Index test	Reference standard
Ambrosini							
Bicakci							
Budak							
Cengiz							
Deonarine							
FencI							
Gutzeit							
Jain							
Koc							
Lawrence							
Lee							
Li							
Mohamed							
Nanni							
Nikolova							
Ora							
Ozkan							
Park, JS							
Park, SB							

Pelosi							
Rimer							
Saidha							
Soni							
Tamam(2012)							
Tamam(2016)							
Wang							
Wolpert							
Yapar							
Yoo							
Yu							
Zidan							

Low Risk
 High Risk
 Unclear Risk

Article Title:

Identifying the primary tumour in patients with cancer of unknown primary (CUP) using FDG PET/CT: a systematic review and individual patient data meta-analysis

Journal:

European Journal of Nuclear Medicine and Molecular Imaging

Corresponding Author Details:

Max J. Lahaye, M.D., Ph.D

Department of Radiology, the Netherlands Cancer Institute

P.O. Box 90203, 1006 BE Amsterdam, The Netherlands

email: mj.lahaye@gmail.com ; m.lahaye@nki.nl

ORCID: 0000-0002-8444-202X