

TYPE OF QUESTION & EVIDENCE

Question Type	Formats	Type of Evidence
Therapy or Treatment	PICO +/- TS PECO +/- TS	Cochrane Review Meta-Analysis RCT
Diagnosis	PIRT +/- S PIRO	Diagnostic Accuracy Study Diagnostic Validation Study
Prognosis	PICO or PECO +/- TS	Inception Cohort Study
Etiology	PICO or PECO +/- TS	Case-Control Study Cohort Study
Quality of Life	PICO or PECO +/- TS	Qualitative Study
Behavior	PICO or PECO +/- TS	Qualitative Study

EBM CLINICAL QUESTION FORMATS

PICO, PICOS, PICOTS	PECO, PECOS, PECOTS	PIRT, PIRTS	PIRO
<p>P = Patient or Population I = Intervention C = Comparison O = Outcome</p> <p>+/-</p> <p>T = Timing (or) T = Type of Study S = Setting</p>	<p>P = Patient or Population E = Exposure C = Comparison O = Outcome</p> <p>+/-</p> <p>T = Timing (or) T = Type of Study S = Setting</p>	<p>P = Patient Population I = Index Test R = Reference Test T = Target Condition or Diagnosis</p> <p>+/-</p> <p>S = Setting</p>	<p>P = Patient Population I = Index Test R = Reference Test O = Outcome of Test Used</p>

PUBLICATION or REPORTING GUIDELINES

Publication Type	Statement	Reference or Link
Clinical Practice Guidelines	AGREE	www.agreetrust.org/
Systematic Review + Meta-Analysis	PRISMA	www.prisma-statement.org/
Randomized Trial	CONSORT	https://www.equator-network.org/reporting-guidelines/consort/
Observational Studies	STROBE	www.equator-network.org/reporting-guidelines
	TARGET	https://jamanetwork.com/journals/jama/fullarticle/2837724
Case Reports	CARE	https://casp-uk.net/casp-tools-checklists/
Diagnostic / Prognostic Studies	STARD	www.equator-network.org/reporting-guidelines/stard/
Qualitative Research	SRQR	www.equator-network.org/reporting-guidelines
Quality Improvement Studies	SQUIRE	www.equator-network.org/reporting-guidelines
Economic Evaluation	CHEERS	www.equator-network.org/reporting-guidelines

CRITICAL APPRAISAL TOOLS (CAT)

Publication Type	CAT	Reference or Link
Guidelines	GRADE*	www.gradeworkinggroup.org/
Systematic Review + Meta-Analysis	CASP – RCTs	https://casp-uk.net/casp-tools-checklists/
	CASP – OBS	https://casp-uk.net/casp-tools-checklists/
Systematic Review Only	AMSTAR 2	https://amstar.ca/Amstar-2.php
Randomized Trial	CASP	https://casp-uk.net/casp-tools-checklists/
Quasi-Experimental	JBI	https://jbi.global/critical-appraisal-tools
Real World Evidence	APPRAISE	https://jbi.global/critical-appraisal-tools
		Others: ArRoWS (OBS) & GRACE
Cohort Study	CASP	https://casp-uk.net/casp-tools-checklists/
	Newcastle-Ottawa Scale	www.ohri.ca/programs/clinical_epidemiology/oxford.asp
Case Control Study	CASP	https://casp-uk.net/casp-tools-checklists/
	Newcastle-Ottawa Scale	www.ohri.ca/programs/clinical_epidemiology/oxford.asp
Cross-Sectional Study	CASP	https://casp-uk.net/casp-tools-checklists/
Case Reports & Series	JBI	https://jbi.global/critical-appraisal-tools
Diagnostic Study	QAUDAS	www.bristol.ac.uk *Changing locations & versions
	QAREL	http://qarel.s3.amazonaws.com/qarel-checklist.pdf
Qualitative Study	CASP	https://casp-uk.net/casp-tools-checklists/
Clinical Prediction Rule	CASP	https://casp-uk.net/casp-tools-checklists/
Economic Evaluation	CASP	https://casp-uk.net/casp-tools-checklists/