

QUALITY ASSESSMENT FORM – Ensuring Decontamination

Study ID:

Extractor:

1. Description of procedure

- i). Full description of measured procedural specifications and type of apparatus used (where appropriate)
- ii). Some procedural specifications measured.
- iii). Unclear as to whether specifications were measured or assumed

2. Description of outcome

- i). Adequate controls used to demonstrate the proportion of indicator microorganisms killed by the decontamination procedure
- ii). No controls but a measurement of the proportion of microorganisms killed
- iii). Simple reporting of presence or absence of microorganisms following decontamination

3. Study design

- i). Studies including positive controls for microorganism growth/detection
- ii). Studies including internal controls for microorganism survival (such as a comparative time-course)
- iii). Observations with no method for standardising results

4. Number of observations

- i). >10 repeated observations of a single result (eg for each time point)
- ii). Between 2 and 9 repeated observations of a single result
- iii). One observation per result

An assessment of study quality may be made by adding the score from parts 1-4:

iv-vi: high ① vii-ix: medium ② >ix: low ③ reliability **Overall score =**
quality ① ② ③

Other aspects

What was the source of the microorganisms tested?

UNCLEAR

LAB STRAIN

CLINICAL ISOLATE

OTHER

Any deficiencies in study design?