## Appendix 1: Flow-diagram of the literature search and study inclusion process

A Medline literature search was performed at week 3 August 2016, focusing on studies published since our earlier review on interval breast cancers, hence post-2006: we exploded the term 'breast neoplasms', and combined this with title-searching for 'interval cancer\$' or 'interval breast cancer\$'. Search yielded 74 publications. Abstracts were screened to identify primary studies that provided data to contribute into pre-defined evidence tables as detailed in Methods (literature search). Excluded publications: Irrelevant; or does not provide required information Abstract screening Additional studies (n=28)published prior to identified 37 relevant Letters/ commentaries (n=6) 2006 were considered publications, plus 4 where data were also additional publications: Duplicate citation (n=2) 41 publications included reported in recent Study of locally advanced reviews<sup>2, 4</sup> in this review cancer (n=1)