

Supplementary Appendix S1

We used the following search strategy in the Embase, and the searching strategy was modified in other databases accordingly.

('tissue adhesive'/exp OR 'adhesive agent'/de OR 'surgical mesh'/de OR 'surgical equipment'/de OR 'tissue scaffold'/de OR biomaterial/de OR (adhesive* OR glue* OR bioglu* OR tachocomb* OR bucrilate* OR enbucrilate* OR cyanoacryl* OR mesh* OR 4DDOME OR AIGISRx OR AlloDerm OR AlloMax OR 'Bard Composix EX patch' OR 'BIO-A Tissue Reinforcement prosthesis' OR CollaMend OR DermaMatrix OR Dual-Mesh OR 'Evolution P3EM' OR FasLata OR FlexHD OR FortaGen OR 'IntePro Lite' OR InteXen OR NEO-VEIL OR 'Optilene Mesh LP' OR 'Parietex composite' OR Pelvicol OR Pelvisoft OR Pelvitex OR PerFix OR 'Peri-Strips Dry' OR PeriGuard OR Permacol OR Phys-

iomesh OR Strattice OR Surgisis OR TIGR OR Timesh OR 'TiMESH light' OR Tutomesh OR Tutopatch OR Ultrapro OR Ventralex OR Veritas OR Vivosorb OR Vypro OR X-Repair OR XenMatrix OR scaffold* OR biomaterial* OR biocompatib* OR Hemocompatib* OR Haemocompatib* OR resorbable OR (implant* NEAR/3 integrat*)):ab,ti) AND ('macrophage culture'/de OR 'monocyte culture'/de OR ((macrophage/exp OR 'macrophage activation'/de OR monocyte/de OR (macrophag* OR monocyte*):ab,ti) AND ('in vitro study'/exp OR monoculture/de OR ('in vitro' OR culture* OR monocultur*):ab,ti))) NOT ([Conference Abstract]/lim OR [Conference Paper]/lim OR [Review]/lim OR [Conference Review]/lim OR [Letter]/lim OR [Note]/lim OR [Editorial]/lim) AND [english]/lim

