

Appendix 1 – Search Strategy

	MEDLINE	Embase	Web of Science
Search strategy	<ol style="list-style-type: none"> 1. Printing, Three-dimensional/ 2. 3D print* 3. Three dimensional print* .mp. 4. exp Specialties, Surgical/ 5. exp Surgical Procedures, Operative/ 6. surg* .mp. 7. 1 or 2 or 3 8. 4 or 5 or 6 9. 7 and 8 10. Limit 9 to (English language) 	<ol style="list-style-type: none"> 1. exp three dimensional printing/ 2. three dimensional print* .mp. 3. 3d print* .mp. 4. exp surgery/ 5. surg* .mp. 6. 1 or 2 or 3 7. 4 or 5 8. 6 and 7 9. Limit 8 to (English language) 	(TS=((3d print* or three dimensional print*) AND surg*) AND LANGUAGE: (English))
Number of papers retrieved	1536	2134	1454