

## Supplementary A: Medline search strategy

### Medline: Ovid 1946-

	Yield
1. exp Femur Head/	8736
2. exp Acetabulum/	9833
3. exp Hip/	11050
4. exp Hip Joint/	24840
5. exp Femoracetabular Impingement/	982
6. "FAI".ab,ti.	1718
7. "femor?acetabular impingement".ab,ti.	1545
8. "CAM impingement".ab,ti.	110
9. "pincer Impingement".ab,ti.	71
10. "pistol grip deform*".ab,ti.	37
11. "coxa profunda*".ab,ti.	50
12. "protusio acetabuli".ab,ti.	1
13. labral.ab,ti.	2300
14. Labr?m.ab,ti.	2255
15. impingement.ab,ti.	7817
16. hip.ab,ti.	115487
17. fem?r.ab,ti.	41563
18. acetabul*.ab,ti.	16750
19. 13 or 14 or 15	10657
20. 16 or 17 or 18	153032
21. 19 and 20	3357
1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or	
22. 11 or 12 or 21	49396
23. exp Gait/	22909
24. exp Biomechanical Phenomena/	112385
25. exp Kinetics/	465939
26. "biomechanic*".ab,ti.	52508
27. "kinematic*".ab,ti.	27972
28. "kinetic*".ab,ti.	328658

29.	Torque.ab,ti.	17194
30.	Force.ab,ti.	204770
31.	gait.ab,ti.	37945
32.	moment.ab,ti.	44474
33.	"joint load".ab,ti.	257
34.	23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33	1049550
35.	22 and 34	7507