

## Supplementary File 3 – Example of search strategy (MEDLINE)

Ovid MEDLINE: Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE® Daily and Ovid MEDLINE® <1946-Present>		
#	Searches	Results
1	Hidradenitis Suppurativa/	1154
2	(hidradeniti* adj2 suppurativ*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	1788
3	(hidradeniti* adj2 suppurativ*).tw,kf,kw.	1650
4	(acne adj2 inversa*).tw,kf,kw.	232
5	apocrinitis.tw,kf,kw.	4
6	(apocrin* adj2 acne).tw,kf,kw.	6
7	(hidradeniti* adj2 axillar*).tw,kf,kw.	75
8	Verneuil*.tw,kf,kw.	78
9	(Velpau* adj2 disease).tw,kf,kw.	2
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	1863
11	body mass index/	109980
12	body weight changes/ or weight loss/	31955
13	body weight/ or overweight/ or thinness/	205682
14	Ideal Body Weight/	277
15	Body Weight Maintenance/	115
16	body size/ or sagittal abdominal diameter/ or waist circumference/ or waist-height ratio/	24053
17	body constitution/ or "body weights and measures"/ or body fat distribution/ or adiposity/ or somatotypes/	29865
18	anthropometry/ or kinanthropometry/	37122
19	Body Composition/	38547
20	(weigh* or overweigh* or BMI or body mass index or quetelet* or thin* or lean* or underweigh* or somatotype* or ectomorph* or endomorph* or mesomorph*).tw,kf,kw.	1351653
21	(body adj2 (mass* or siz* or measure* or constitution* or composition* or type* or build*)).tw,kf,kw.	230770
22	(anthropometr* or kinanthropometr* or abdom* or waist*).tw,kf,kw.	382785
23	obesity/ or obesity, abdominal/ or obesity, metabolically benign/ or obesity, morbid/	178394
24	abdominal fat/ or intra-abdominal fat/ or subcutaneous fat, abdominal/	6951
25	adipose tissue/ or adipose tissue, beige/ or adipose tissue, brown/ or adipose tissue, white/	80874
26	Subcutaneous Fat/	3653
27	Skinfold Thickness/	6170
28	(skin* adj2 thickness).tw,kf,kw.	12457
29	(obes* or fat* or adipos*).tw,kf,kw.	999070
30	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29	2581189
31	diet therapy/ or caloric restriction/ or diet, carbohydrate loading/ or diet, diabetic/ or diet, carbohydrate-restricted/ or diet, fat-restricted/ or diet, gluten-free/ or diet, mediterranean/ or diet, paleolithic/ or diet, protein-restricted/ or diet, reducing/ or diet, sodium-restricted/ or diet, vegetarian/ or diet, macrobiotic/ or diet, vegan/ or ketogenic diet/	50191
32	Feeding Behavior/	74670
33	diet, atherogenic/ or diet fads/ or diet, high-fat/ or diet, western/ or energy intake/ or fasting/ or healthy diet/ or portion size/ or serving size/	85882
34	Nutrition Therapy/	1784
35	eating/ or drinking/ or nutritional requirements/ or recommended dietary allowances/ or nutritional status/ or nutritive value/ or glycemic index/ or glycemic load/	127115
36	exp Food/	1185954
37	dietary carbohydrates/ or dietary fats/ or dietary proteins/ or micronutrients/ or trace elements/ or vitamins/	136318
38	Nutritional Physiological Phenomena/	28861
39	Dietetics/	7454
40	(diet* or eat* or food* or feed* or drink* or intake* or fast* or nutri* or calor* or portion* or serving* or vegan* or vegetarian* or carbohydrate* or glycemic* or fat* or protein* or micronutrient* or mineral* or vitamin*).tw,kf,kw.	5332615
41	31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40	5958144
42	30 or 41	7196378
43	10 and 42	368