

SUPPLEMENTARY FILE – MeSH Terms and Database Searches

Table S1. MeSH Terms and Database Searches

Database	MeSH Terms and Search Strategy
Medline via Ovid	<ol style="list-style-type: none"> 1. exp Diabetes Mellitus, Type 2/ 2. (Type* adj3 ("2" or "II" or two*) adj3 (diabete* or diabetic*)).ti,ab. 3. ((Maturit* or adult* or slow*) adj3 onset* adj3 (diabete* or diabetic*)).ti,ab. 4. ((Ketosis-resistant* or stable*) adj3 (diabete* or diabetic*)).ti,ab. 5. (((Non-insulin* or Non insulin* or Noninsulin*) adj3 depend* adj3 (diabete* or diabetic*)) or (NIDDM or T2DM or T2D)).ti,ab. 6. or/1-5 7. exp Exercise Therapy/ 8. Exercise/ 9. Physical Fitness/ 10. (physical activit* or exercise or fitness or group exercise or strength training).ti,ab. 11. (group adj2 (exercise or fitness)).ti,ab. 12. (functional adj2 (fitness or training)).ti,ab. 13. or/7-12 14. exp Health Personnel/ 15. (clinician* or physiotherap* or physical therap* or exercise physiologist* or personal trainer* or trainer* or health educator* or allied health personnel or lead* or led or supervis*).mp. 16. or/14-15 17. Community Health Centers/ 18. (communit* or community based or community centre* or community center* or fitness centre* or fitness center* or gym* or community hall*).mp. 19. or/17-18 20. and/6,13,16,19 21. adult/ or exp aged/ or middle aged/ or young adult/ 22. (adult* or young adult* or middle-aged or elder* or older adult*).mp. 23. or/21-22 24. and/20,23 25. limit 24 to english language 26. limit 25 to yr="2003 -2023"
Embase via Ovid	<ol style="list-style-type: none"> 1. non insulin dependent diabetes mellitus/ 2. (Type* adj3 ("2" or "II" or two*) adj3 (diabete* or diabetic*)).ti,ab. 3. ((Maturit* or adult* or slow*) adj3 onset* adj3 (diabete* or diabetic*)).ti,ab. 4. ((Ketosis-resistant* or stable*) adj3 (diabete* or diabetic*)).ti,ab. 5. (((Non-insulin* or Non insulin* or Noninsulin*) adj3 depend* adj3 (diabete* or diabetic*)) or (NIDDM or T2DM or T2D)).ti,ab. 6. or/1-5 7. exp kinesiotherapy/ 8. exp Exercise/ 9. Fitness/ 10. (physical activit* or exercise or fitness or group exercise or strength training).ti,ab. 11. (group adj2 (exercise or fitness)).ti,ab. 12. (functional adj2 (fitness or training)).ti,ab. 13. or/7-12 14. exp Health care Personnel/ 15. (clinician* or physiotherap* or physical therap* or exercise physiologist* or personal trainer* or trainer* or health educator* or allied health personnel or lead* or led or supervis*).mp. 16. or/14-15 17. health center/

	18. (communit* or community based or community centre* or community center* or fitness centre* or fitness center* or gym* or community hall*).mp. 19. or/17-18 20. and/6,13,16,19 21. adult/ or exp aged/ or middle aged/ or young adult/ 22. (adult* or young adult* or middle-aged or elder* or older adult*).mp. 23. or/21-22 24. and/20,23 25. limit 24 to english language 26. limit 25 to yr="2003 -2023" 27. limit 26 to "remove medline records" 28. limit 27 to conference abstract 29. 27 not 28
Scopus	((TITLE-ABS-KEY (((type* W/3 ("2" OR "II" OR two*) W/3 (diabete* OR diabetic*)))) OR TITLE-ABS-KEY (((maturit* OR adult* OR slow*) W/3 onset* W/3 (diabete* OR diabetic*))) OR TITLE-ABS-KEY ((("Ketosis-resistant*" OR stable*) W/3 (diabete* OR diabetic*))) OR TITLE-ABS-KEY ((("Non-insulin*" OR "Non insulin*" OR noninsulin*) W/3 depend* W/3 (diabete* OR diabetic*)) OR (niddm OR t2dm OR t2d))) AND (TITLE-ABS-KEY (adult* OR "young adult*" OR "middle-aged" OR elder* OR "older adult*")) AND (TITLE-ABS-KEY (communit* OR "community based" OR "community centre*" OR "community center*" OR "fitness centre*" OR "fitness center*" OR gym* OR "community hall*")) AND (TITLE-ABS-KEY (clinician* OR physiotherap* OR "physical therap*" OR "exercise physiologist*" OR "personal trainer*" OR trainer* OR "health educator*" OR "allied health personnel" OR lead* OR led OR supervis*)) AND ((TITLE-ABS-KEY ("physical activit*" OR "physical fitness" OR "exercise therap*" OR "physical therap*" OR exercise OR fitness OR "group exercise" OR "strength training")) OR TITLE-ABS-KEY ((group) W/2 (exercise OR fitness)) OR TITLE-ABS-KEY ((functional) W/2 (fitness OR training)))) AND PUBYEAR > 2002 AND PUBYEAR < 2023) AND (LIMIT-TO (LANGUAGE , "English"))
Cinahl Complete via Ebscohost	S1 (MH "Diabetes Mellitus, Type 2") S2 TI ((Type* N3 ("2" or "II" or two*) N3 (diabete* or diabetic*))) OR AB ((Type* N3 ("2" or "II" or two*) N3 (diabete* or diabetic*))) S3 TI (((Maturit* or adult* or slow*) N3 onset* N3 (diabete* or diabetic*))) OR AB (((Maturit* or adult* or slow*) N3 onset* N3 (diabete* or diabetic*))) S4 TI ((("Ketosis-resistant*" or stable*) N3 (diabete* or diabetic*))) OR AB ((("Ketosis-resistant*" or stable*) N3 (diabete* or diabetic*))) S5 TI ((("Non-insulin*" or "Non insulin*" or Noninsulin*) N3 depend* N3 (diabete* or diabetic*)) or (NIDDM or T2DM or T2D))) OR AB ((("Non-insulin*" or "Non insulin*" or Noninsulin*) N3 depend* N3 (diabete* or diabetic*)) or (NIDDM or T2DM or T2D))) S6 S1 OR S2 OR S3 OR S4 OR S5 S7 (MH "Physical Therapy+") S8 (MH "Exercise+") S9 (MH "Physical Fitness+") S10 TI (("physical activit*" or exercise or fitness or "group exercise" or "strength training")) OR AB (("physical activit*" or exercise or fitness or "group exercise" or "strength training")) S11 TI ((group N2 (exercise or fitness))) OR AB ((group N2 (exercise or fitness))) S12 TI ((functional N2 (fitness or training))) OR AB ((functional N2 (fitness or training))) S13 S7 OR S8 OR S9 OR S10 OR S11 OR S12 S14 (MH "Health Personnel+") S15 TI((clinician* or physiotherap* or "physical therap*" or "exercise physiologist*" or "personal trainer*" or trainer* or "health educator*" or "allied health personnel" or lead* or led or supervis*)) OR AB ((clinician* or physiotherap* or "physical therap*" or "exercise

	<p>physiologist*" or "personal trainer*" or trainer* or "health educator*" or "allied health personnel" or lead* or led or supervis*))</p> <p>S16 S14 OR S15</p> <p>S17 (MH "Community Health Centers+")</p> <p>S18 TI ((communit* or "community based" or "community centre*" or "community center*" or "fitness centre*" or "fitness center*" or gym* or "community hall*") OR ((communit* or "community based" or "community centre*" or "community center*" or "fitness centre*" or "fitness center*" or gym* or "community hall*")</p> <p>S19 S17 OR S18</p> <p>S20 S6 AND S13 AND S16 AND S19</p> <p>S21 (MH "Adult") OR (MH "Aged+") OR (MH "Middle Age") OR (MH "Young Adult")</p> <p>S22 TI ((adult* or "young adult*" or "middle-aged" or elder* or "older adult*")) OR AB ((adult* or "young adult*" or "middle-aged" or elder* or "older adult*"))</p> <p>S23 S21 OR S22</p> <p>S24 S20 AND S23</p> <p>S25 S20 AND S23 Limiters - Publication Date: 20040101-20231231</p>
PubMed	<p>(((((("Diabetes Mellitus, Type 2"[Mesh]) OR (NIDDM[Title/Abstract] OR T2DM[Title/Abstract] OR T2D[Title/Abstract])) OR ("type 2 diabetes"[Title/Abstract] OR "adult onset diabetes"[Title/Abstract] OR "slow onset diabetes"[Title/Abstract] OR "ketosis resistant diabetes" OR "non insulin dependent diabetes"[Title/Abstract])) AND (((("Exercise Therapy"[Mesh]) OR "Exercise"[Mesh]) OR "Physical Fitness"[Mesh]) OR ("physical activity"[Title/Abstract] OR exercise[Title/Abstract] OR fitness[Title/Abstract] OR "group exercise"[Title/Abstract] OR "strength training"[Title/Abstract] OR "group fitness"[Title/Abstract] OR "functional fitness"[Title/Abstract] OR "functional training"[Title/Abstract])))) AND (("Health Personnel"[Mesh]) OR (clinician*[Title/Abstract] OR physiotherap*[Title/Abstract] OR "physical therapist"[Title/Abstract] OR "exercise physiologist"[Title/Abstract] OR "personal trainer"[Title/Abstract] OR trainer*[Title/Abstract] OR "health educator"[Title/Abstract] OR "allied health personnel"[Title/Abstract] OR lead*[Title/Abstract] OR led[Title/Abstract] OR supervis*[Title/Abstract])))) AND ((("Community Health Centers"[Mesh]) OR (communit*[Title/Abstract] OR "community based"[Title/Abstract] OR "community centre"[Title/Abstract] OR "community centers"[Title/Abstract] OR "fitness centres"[Title/Abstract] OR "fitness centers"[Title/Abstract] OR gyms[Title/Abstract] OR "community halls"[Title/Abstract])))) AND ((("Adult"[Mesh]) OR (adult*[Title/Abstract] OR "young adult"[Title/Abstract] OR "young adults"[Title/Abstract] OR "middle-aged"[Title/Abstract] OR elder*[Title/Abstract] OR "older adult" OR "older adults"[Title/Abstract])))- limited 2003 – 2023 and English language.</p>