|  |  |  |
| --- | --- | --- |
| 1. Physical activity/ exercise and job stress/ burnout in health care personnel | | |
| 1 | • Notes: topic is too broad  • Really what I’m asking is: In health care personnel with job stress or professional burnout, is physical activity or exercise efficacious? Or: is physical activity or exercise efficacious/effective in managing job stress or professional burnout?  • Basic relationship between concepts might be: (health care personnel AND (job stress OR burnout)) OR (physical activity OR exercise)  Element 1: Search #1  'physical activity'/exp OR 'exercise'/exp OR 'kinesiotherapy'/exp OR (Biometric-exercise:ab,ti OR exercise-capacity:ab,ti OR exercise-performance:ab,ti OR exercise-training:ab,ti OR exertion:ab,ti OR fitness-training:ab,ti OR exercise-treatment:ab,ti OR fitness-workout:ab,ti OR physical-conditioning:ab,ti OR physical-effort:ab,ti OR physical-exercise:ab,ti OR therapeutic-exercise:ab,ti OR kinesittherapy:ab,ti OR physical-exertion:ab,ti OR physical work-out:ab,ti OR physical-workout:ab,ti) = 848,351  Element 2: Search #2  'health care personnel'/exp OR (health-care-practitioner:ab,ti OR health-care-professional:ab,ti OR health-care\*:ab,ti OR health\*:ab,ti OR health-personnel:ab,ti OR health-profession-personnel:ab,ti OR health-worker:ab,ti OR healthcare-personnel:ab,ti OR health-care-practitioner:ab,ti OR healthcare professional:ab,ti OR healthcare provider:ab,ti OR healthcare worker:ab,ti OR home-health aides:ab,ti OR public-health-officer:ab,ti) = 1,796,110  Element 3: Search #3  'burnout'/exp OR 'professional burnout'/exp NOT 'student burnout'/exp OR (burnout-syndrome:ab,ti OR psychological burnout:ab,ti OR psychological-burnout:ab,ti OR career burnout:ab,ti OR career-burn-out:ab,ti) OR ('job stress'/exp OR 'compassion fatigue'/exp OR 'role stress'/exp OR occupational burnout:ab,ti OR occupational-burnout:ab,ti OR role-strain:ab,ti)  =24,634  #2 + #3 = #4: 15, 437  #4 + #1 = 567  Notes: I’m getting super hung up on the “one sentence” strategy and getting psyched out by the parentheses and proximity statement and syntax. I do understand how proximity is a more efficient way of searching for variants without typing out every single variation – I'm just not there yet. My strategy below doesn’t have the proper syntax – parentheses are incorrect and having trouble.  'health care personnel'/exp OR (health-care-practitioner OR health-care-worker):ab,ti) AND 'burnout'/exp OR 'professional burnout'/exp NOT 'student burnout'/exp OR ((professional OR career OR work OR job OR occupation\*)NEAR/3(burnout OR fatigue OR strain)):ab,ti. |  |
| 2 | ('physical activity'/exp OR exercise/exp OR sport/exp OR 'sedentary lifestyle'/de OR (physical-activit\* OR exercis\* OR physical-conditioning OR physical-exertion OR strength-training OR yoga OR cycling OR aerobics OR callisthenic\* OR sedentary OR ((fitness OR physical) NEAR/3 (workout OR work-out OR training))):ab,ti) AND ('professional burnout'/de OR 'burnout'/de OR 'job stress'/exp OR (burnout OR burn-out OR compassion-fatigue OR compassion-satisfaction OR role-stain OR ((job\* OR occupation\* OR work OR career\* OR employment OR profession\* OR vocational OR role) NEAR/3 (stress))):ab,ti) AND ('health care personnel'/exp OR (nurs\* OR RN\* OR clinician\* OR physician\* OR doctor\* OR surgeon\* OR therapist\* OR pharmacist\* OR midwi\*e\* OR ((health\* OR hospital\* OR medical) NEAR/3(aide\* OR assistant\* OR worker\* OR practitioner\* OR provider\* OR personnel OR professional\*))):ab,ti) |  |
| 3 | (Exercis\* [mh] or (physical activit\* or exercise training[tiab])) and  ((Occupational stress\* [mh] or (work-related stress\* or workplace stress\* or professional stress\* or job-related stress\* or job stress\*[tiab])) and  (Professional burnout [mh] or (occupational stress[tiab])) and  (Health personnel or health care provider\* or healthcare provider\* or health care worker\* or healthcare worker\* or health care professional\* or healthcare professional\*[tiab]) |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |

|  |  |  |
| --- | --- | --- |
| 2. Mobile Apps/ ehealth for lifestyle during pregnancy | | |
| 1 | ('mobile application'/exp OR (mobile ap\* OR tablet app\* OR app ((portable OR software) NEAR/3 (ap\*))):ab,ti) AND ('telehealth'/exp OR (e-health OR ehealth OR tele-health):ab,ti) AND ('pregnancy'/exp OR (gestation OR gravidity OR intrauterine-pregnancy OR ((labo\* OR pregnancy OR child) NEAR/3 (maintenance OR trimester\* OR bearing))):ab,ti) |  |
| 2 | (exp pregnant woman/ or exp pregnancy/ OR (child-bear\* OR childbear\* OR gravidity OR intrauterine-pregnancy OR labor-presentation OR labour-presentation OR pregnancy-maintenance OR pregnancy-trimester\* OR pregnant-women).ab,ti.) AND (exp mobile phone/ OR exp mobile application/ OR exp mobile health application/ OR (cell-phone\* OR cellphone\* OR cellular-phone\* OR cellular-telephone\* OR mobile-telephone\* OR mobile-app\* OR mobile-application\* OR portable-software-app\* OR portable-software-application\* OR tablet-application\* OR iSpO2 OR moovcare OR neomate).ab,ti.) AND (exp behavior change/ OR exp exercise/ OR exp physical activity/ OR exp lifestyle/ OR exp healthy lifestyle/ OR (behavioral-change\* OR behaviour-change\* OR behavioural-change\* OR biometric-exercise OR effort OR exertion OR physical-exercise OR life-style OR healthy-life-style OR ((exercise OR fitness OR physical) ADJ3 (capacity OR performance OR training OR workout OR conditioning OR work-out))).ab,ti.) |  |
| 3 |  |  |

|  |  |  |
| --- | --- | --- |
| 3. Patient adherence of anticoagulants for atrial fibrillation | | |
| 1 | [Results 2,903]  #4 #1 AND #2 AND #3  #3 ('medication compliance'/de OR (((dos\* OR drug\* OR medication\* OR medicine\* OR patient\* OR prescription\* OR therap\* OR treatment\*) NEAR/3 (adher\* OR complian\* OR complies OR comply OR nonadher\* OR non-adher\* OR noncomplian\* OR non-complian\* OR persist\*))):ab,ti)  #2 ('anticoagulant agent'/exp OR (anticoagulant\* OR anti-coagulant\* OR anticoagulat\* OR anti-coagulat\* OR antithrombocytic\* OR anti-thrombocytic\* OR antithrombos\* OR anti-thrombos\* OR antithrombotic\* OR anti-thrombotic\* OR heparin\* OR thrombolytic\* OR ((blood-clot\* OR thrombin) NEAR/3 (inhibit\*))):ab,ti)  #1 ('atrial fibrillation'/exp OR (afib OR ((atria\* OR atrium OR auricul\*) NEAR/3 (fibrilat\* OR fibrillat\*))):ab,ti) |  |
| 2 | (((patient compliance/ OR medication compliance/ OR treatment refusal/) OR (((adhere\* OR complian\* OR non-complian\* OR noncomplian\* OR non-adhere\* OR nonadhere\*) ADJ3 (drug\* OR medication\* OR therapy OR therapies OR treatment\* OR patient\*))).ti,ab) AND ((exp anticoagulant agent/) OR (anticoagulant\* OR anti-coagulant\* OR antithrombotic\* OR anti-thrombotic\*).ti,ab) AND ((exp atrial fibrillation/) or (((auricular OR atrium or atrial) adj3 (fibrillation))).ti,ab)) |  |
| 3 | ('medication compliance'/exp OR ((medication OR drug OR dosage OR dose\* OR dosing) NEAR/3 (compliance OR adherence OR nonadherence OR noncompliance OR 'non compliance' OR 'non adherence')):ab,ti)  61,831  ('anticoagulant agent'/exp OR (anticoagulant\* OR 'anti coagulant\*' OR anticoagulati\* OR 'anti coagulati\*' OR antithrombotic\* OR 'anti thrombotic\*' OR 'Indirect thrombin inhibitor\*'):ti,ab)  794,800  ('atrial fibrillation'/exp OR ('atrial fibrillation\*' OR 'atrium fibrillation\*' OR 'auricular fibrillation\*' OR 'atrial fibrilation\*' OR 'atrium fibrilation\*' OR 'auricular fibrilation\*'):ti,ab)  193,739  1 AND 2 AND 3 = 919 |  |
| 4 | |  |  |  | | --- | --- | --- | | 1 | exp anticoagulant agent/ or (anticoagulant\* or anticoagulation or anti coagula\* or antithromb\* or factor xa inhibitor\* or "alpha [4 (fluoren 9 ylidenemethyl)phenyl] 2 piperidineethanol" or anisindione or antithrombocytic agent or antivitamin k or apolate sodium or beciparcil or blood clotting inhibitor or chlorophacinone or coumarin anticoagulant or defibrotide or dextran sulfate or diphenadione or fluindione or ghilanten or glycerophosphoinositol inositolphosphodiesterase or glycosaminoglycan polysulfate or heparin derivative or iliparcil or inclacumab or ljp 1082 or low molecular weight dextran sulfate or mopidamol or naroparcil or phenindione or ru 45703 or tecarfarin or torapsel or tretoquinol or tretoquinol derivative or uproleselan or (anticoagula\* adj3 (agent\* or drug\* or adherence)) or (indirect\* adj3 thrombin)).ab,ti. | 733543 | | 2 | exp atrial fibrillation/ or ((atrial fibrillation\* or (atrial or atrium or auricular)) adj3 fibrillation\*).ab,ti. | 163306 | | 3 | patient compliance/ or medication adherence/ or ((patient or client or treatment or therapy or medication) adj3 (complian\* or non-complian\* or adheren\* or nonadheren\* or non-adheren\* or cooperation)).ab,ti. | 214567 | | 4 | #1 AND #2 AND #3 | 1702 | |  |
| 5 | (\*Medication Adherence/ OR \*Patient Compliance/ OR Patient Acceptance of Health Care/ OR \*Treatment Refusal/) AND (exp anticoagulants/) AND (\*atrial fibrillation/dt OR \*atrial fibrillation/et OR \*atrial fibrillation/pc) OR ((patient) ADJ3 (accept\* OR adher\* OR non-adher\* OR nonadher\* OR complian\* OR non-complian\* OR noncomplian\*)).ab,ti. |  |
| 6 | (exp patient compliance/ or ((patient\* or client\* or therap\* or treatment\* or medicat\* or drug\* or dosage\* or dose\*) adj3 (adhere\* or complian\* or comply or cooperat\* or noncomplian\* or nonadher\* or persisten\*)).ti,ab,kw.) and (exp anticoagulant agent/ or (anticoagulant\* or anti-coagulant\* or anticoagulat\* or anti-coagulat\* or antithrombotic\* or anti-thrombotic\* or antithrombin\* or anti-thrombin\* or (thrombin adj2 inhibitor\*) or (factor xa adj2 inhibitor\*) or DOAC\* or NOAC\* or (alpha adj5 piperidineethanol) or anisindione or antithrombocytic or antivitamin K or apolate sodium or beciparcil or blood clotting inhibitor\* or chlorophacinone or coumarin anticoagulant\* or defibrotide or dextran sulfate or diphenadione or fluindione or ghilanten or glycerophosphoinositol inositolphosphodiesterase or glycosaminoglycan polysulfate or heparin derivative\* or iliparcil or inclacumab or ljp 1082 or low molecular weight dextran sulfate or mopidamol or naroparcil or phenindione or ru 45703 or tecarfarin or torapsel or tretoquinol or tretoquinol derivative\* or uproleselan).ti,ab,kw.) and (exp atrial fibrillation/ or ((atrium or atrial or auricular) adj3 fibril?ation\*).ti,ab,kw.) |  |
| 7 | (patient compliance/ OR medication compliance/ OR (complian\* OR adheren\*).ab,ti.) AND (exp atrial fibrillation/ OR (afib OR ((atri\*) ADJ3 (fibrillation))).ab,ti.) AND (exp anticoagulant agent/ or (anticoagula\* or antithrombotic or anti-coagula\*).ab,ti.)  Thought a little more about patient compliance…  (patient compliance/ OR medication compliance/ OR (((patient\* OR therap\* OR treatment\* OR medication\* OR drug\* OR prescription\*) ADJ3 (complian\* OR adheren\*))).ab,ti.) AND (exp atrial fibrillation/ OR (afib OR ((atri\*) ADJ3 (fibrillation))).ab,ti.) AND (exp anticoagulant agent/ or (anticoagula\* or antithrombotic or anti-coagula\*).ab,ti.)  – missed some relevant articles, so I’m sticking with the first version  I knew that I hadn't included all the possible textwords for anticoagulant agents so I used PubReminer to identify the most common ones. I could have gone further with this piece too.  (patient compliance/ OR medication compliance/ OR (complian\* OR adheren\*).ab,ti.) AND (exp atrial fibrillation/ OR (afib OR ((atri\*) ADJ3 (fibrillation))).ab,ti.) AND (exp anticoagulant agent/ OR (anticoagula\* OR antithrombotic OR anti-coagula\* OR warfarin OR vitamin-k OR benzimidazole\* OR fibrinolytic-agent\* OR beta-alanine OR aspirin OR daigatran OR ((platelet\*) ADJ3 (aggregate\*) ADJ3 (inhibit\*))).ab,ti.) |  |
| 8 | ('patient compliance'/exp OR 'patient attitude'/exp OR (((adhere\* OR compli\*) NEAR/3 (therap\* OR treat\* OR dose\* OR dosing\* OR dosag\* OR drug\* OR medication\* OR patient\*))):ab,ti) AND ('anticoagulant agent'/exp OR 'anticoagulation'/exp OR 'anticoagulant therapy'/exp OR (anticoagul\* OR anti-coagul\* OR antithromb\* OR hirudin-therap\* OR para-coagul\*):ab,ti) AND ('atrial fibrillation'/exp OR (AFib OR ((atrial\* OR atrium OR auricular\*) NEAR/3 (fibrillat\*))):ab,ti) |  |

|  |  |  |
| --- | --- | --- |
| 4. Risk factors for anastomotic leakage in gastrointestinal surgery | | |
| 1 | (risk/exp) OR ((risk) NEAR/3 (factors OR adjustment OR evaluation OR analysis OR evaluation OR relative OR hypothesis)) OR ((safety) NEAR/3 (assessment))  (‘anastomosis leakage’/exp OR anastomosis dehiscence/de) OR (anastomo\*) NEAR/3 (leak\*)  ‘gastrointestinal surgery’/exp OR ‘esophagus anastomosis’/exp OR alimen\* NEAR/3 surg\* OR digesti\* NEAR/3 surg\* OR gastro\* NEAR/3 surg\* OR intestine\* NEAR/3 surg\* OR esophag NEAR/3 anastom\* OR oesophag\* NEAR/3 anastom\*  Second attempt:  (risk/exp OR (risk-factors OR relative-risk OR safety-assessment OR ((risk) NEAR/3 (hypothesis OR adjustment OR analysis OR evaluation))):ab,ti) AND (‘anastomosis leakage’/exp OR anastomosis dehiscence/de OR anastomosis/de OR (anastomo\* OR ((anastomo\*) NEAR/3 (leak\*))):ab,ti) AND (‘gastrointestinal surgery’/exp OR ‘esophagus anastomosis’/exp OR ((oesophag\* NEAR/3 anastomo\*) OR ((alimen\* OR digesti\* OR gastro\* OR intestine\*) NEAR/3 (surg\*))):ab,ti) |  |
| 2 | (anastomosis leakage/ OR ((anastom\*) adj4 (leak\* OR fail\* OR complication\*)).ti,ab) AND (risk/ OR risk factor/ OR risk assessment/ OR risk analysis/ OR risk algorithm/ OR (risk adj4 (factor\* OR analysis OR analyses OR assessment\* OR score\* OR population\* OR increase\* OR predict\*)).ti,ab) AND ((exp gastrointestinal surgery OR ((alimentary OR digestive OR gastroduodenal OR gastrointestin\*) adj3 (procedure\* OR surg\* OR operation\*)).ti,ab)) |  |
| 3 | (‘Anastomotic leakage’/exp OR (anastomotic-leak\*):ab,ti) AND (‘Gastrointestinal surgery’/exp OR (alimentary-canal-surger\* OR alimentary-tract-surger\* OR digestive-canal-surger\* OR digestive-tract-surger\* OR gastroduodenal-surger\* OR gastrointestinal-canal-surger\* OR gastrointestinal-resection\* OR gastrointestinal-tract-surger\* OR gastrointestine-surger\* OR gastrointestine-tract-surger\* OR intestinal-canal-surger\*):ab,ti) AND (‘risk factor’/exp OR (relative-risk\* OR ‘risk factors’):ab,ti)  Adding (() NEAR/3 ())  (‘Anastomotic leakage’/exp OR (anastomotic-leak\* OR ((anastomo\*) NEAR/3 (leak\*))):ab,ti) AND (‘Gastrointestinal surgery’/exp OR (alimentary-canal-surger\* OR alimentary-tract-surger\* OR digestive-canal-surger\* OR digestive-tract-surger\* OR gastroduodenal-surger\* OR gastrointestinal-canal-surger\* OR gastrointestinal-resection\* OR gastrointestinal-tract-surger\* OR gastrointestine-surger\* OR gastrointestine-tract-surger\* OR intestinal-canal-surger\* OR ((gastro\* OR alimentary OR digest\* OR intestin\*) NEAR/3 (surger\* OR procedur\* OR resect\*))):ab,ti) AND (‘risk factor’/exp OR (relative-risk\* OR ‘risk factors’ OR ((relative OR factor\*) NEAR/3 (risk\*))):ab,ti) |  |
| 4 | (anastomosis leakage/ OR ("anastomotic leak" OR ((postoperative OR surgical OR post-operat\* OR post-surg\* OR postsurg\* ) ADJ2 (complication))).ab,ti.)  AND  (gastrointestinal surgery/ OR (("alimentary canal" OR " alimentary tract" OR " digestive tract" OR gastroduodenal OR " gastrointestinal canal" OR " gastrointestinal tract" OR gastrointestine OR " intestinal canal") ADJ2 surgery). ab,ti)  AND  (risk factor/ or ("relative risk" or "risk factors").ab,ti.) |  |
| 5 |  |  |