

Appendix 1 (as supplied by the authors): Search Strategy

Database	Search Terms	Yield
EMBASE	<ol style="list-style-type: none"> 1 exp job stress/ 2 burnout/ 3 stress/ or acute stress/ or emotional stress/ or mental stress/ or role stress/ 4 emotional disorder/ 5 depersonalization/ 6 deperson*.ti,ab,kw. 7 ((emotional* or mental* or physical*) adj2 (fatigue* or exhaust* or drain* or distress*)).ti,ab,kw. 8 burnout.ti,ab,kw. 9 (stress* adj2 (psychological or emotional or mental or professional or job or work or occupational)).ti,ab,kw. 10 compassion fatigue.ti,ab,kw. 11 (cynicism or cynical).ti,ab,kw. 12 exhaustion/ or fatigue/ 13 or/1-12 14 residency education/ 15 (intern or interns or internship).ti,ab,kw. 16 (resident or residents or residency).ti,ab,kw. 17 housemanship*.ti,ab,kw. 18 house staff.ti,ab,kw. 19 housestaff.ti,ab,kw. 20 ((physician or doctor) adj2 training).ti,ab,kw. 21 (junio?r doctor* or foundation doctor* or house officer*).ti,ab,kw. 22 or/14-21 23 13 and 22 24 23 not (animals/ not (humans/ and animals/)) 25 remove duplicates from 24 	5178
OVID Medline	<ol style="list-style-type: none"> 1 occupational stress/ 2 burnout, professional/ 3 Stress, Psychological/ 4 exp Mental Fatigue/ 5 Affective Symptoms/ 6 Depersonalization/ 7 ((emotional* or mental* or physical*) adj2 (fatigu* or exhaust* or drain* or distress*)).ti,ab,kf. 8 burnout.ti,ab,kf. 9 (stress* adj2 (psychological or emotional or mental or professional or job or work or occupational)).ti,ab,kf. 10 (cynicism or cynical).ti,ab,kf. 11 (depersonal* or depersonif*).ti,ab,kf. 12 compassion fatigue.ti,ab,kf. 13 or/1-12 14 "Internship and Residency"/ 15 (intern or interns or internship*).ti,ab,kf. 16 (resident or residents or residency).ti,ab,kf. 17 housemanship*.ti,ab,kf. 18 house staff.ti,ab,kf. 19 housestaff.ti,ab,kf. 20 ((physician or doctor) adj2 training).ti,ab,kf. 	2885

	<p>21 (junior doctor* or foundation doctor* or house officer*).ti,ab,kf. 22 or/14-21 23 13 and 22 24 remove duplicates from 23 25 24 not (animals/ not (humans/ and animals/))</p>	
Web of Science Core Collection	<p>(TS=(resident or residents or residency or intern or internship or interns or housemanship* or house staff or housestaff or junior doctor* or juniour doctor* or foundation doctor* or house officer*)) AND TS=(burnout or exhaust* or fatigu* or drain* or distress* or depersonif* or depersonal* or job stress* or psychological stress* or emotional stress* or mental stress* or professional stress or job stress or work stress or occupational stress) AND TS=(medical or hospital or clinical)) AND LANGUAGE: (English) AND DOCUMENT TYPES:(Article) <i>Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years</i></p>	2554
PsycINFO	<p>1 exp occupational stress/ or occupational neurosis/ 2 PSYCHOLOGICAL STRESS/ or STRESS/ 3 Fatigue/ 4 DEPERSONALIZATION/ 5 (depersonal* or depersonif*).mp. 6 ((emotional* or mental* or physical*) adj2 (fatigu* or exhaust* or drain* or distress*)).mp. 7 burnout.mp. 8 (stress* adj2 (psychological or emotional or mental or professional or job or work or occupational)).mp. 9 compassion fatigue.mp. 10 (cynicism or cynical).mp. 11 or/1-10 12 INTERNSHIP PROGRAMS/ or exp CLINICAL PSYCHOLOGY INTERNSHIP/ or MEDICAL INTERNSHIP/ 13 (interns or intern or internship*).mp. 14 (resident or residents or residency).mp. 15 housemanship*.mp. 16 house staff.mp. 17 housestaff.mp. 18 ((physician or doctor) adj2 training).mp. 19 (junio?r doctor* or foundation doctor* or house officer*).mp. 20 or/12-19 21 11 and 20 22 remove duplicates from 20</p>	1477
ERIC	<p>((resident OR residents OR residency OR intern OR internship OR interns OR housemanship* OR house staff OR housestaff OR junior doctor* OR juniour doctor* OR foundation doctor* OR house officer*)) AND noft((burnout OR exhaust* OR fatigu* OR drain* OR distress* OR depersonif* OR depersonal* OR job stress* OR psychological stress* OR emotional stress* OR mental stress* OR professional stress OR job stress OR work</p>	134

	stress OR occupational stress)) AND noft((medical OR hospital OR clinical))	
Cochrane Database of Systematic Reviews	<ol style="list-style-type: none"> 1. ((emotional* or mental* or physical*) adj2 (fatigu* or exhaust* or drain* or distress*)).mp. 2. burnout.mp. 3. (stress* adj2 (psychological or emotional or mental or professional or job or work or occupational)).mp. 4. (cynicism or cynical).mp. 5. (depersonal* or depersonif*).mp. 6. compassion fatigue.mp. 7. or/1-6 8. (intern or interns or internship*).mp. 9. (resident or residents or residency).mp. 10. housemanship*.mp. 11. house staff.mp. 12. housestaff.mp. 13. ((physician or doctor) adj2 training).mp. 14. (junio?r doctor* or foundation doctor* or house officer*).mp. 15. or/8-14 16. 7 and 15 17. remove duplicates from 16 <p>17 not (animals/ not (humans/ and animals/))</p>	1