Appendix 1: search syntax

Embase.com

((medical OR physical OR medicine OR mixed OR med) NEAR/3 (psychiatr* OR mental OR psych) NEAR/6 (unit OR units OR department* OR ward OR wards OR inpatient* OR setting* OR service*)):ab,ti OR (((joint OR joined OR mixed OR combined OR integrated) NEAR/6 (unit OR units OR ward OR wards)) OR 'medically complex' OR 'difficult medical' OR 'complexity intervention'):ab,ti AND (psychiatry/exp OR 'psychiatric department'/de OR psychiatrist/de OR (psychiatr*):ad,ab,ti)

Medline (OvidSP)

((medical OR physical OR medicine OR mixed OR med) ADJ3 (psychiatr* OR mental OR psych) ADJ6 (unit OR units OR department* OR ward OR wards OR inpatient* OR setting* OR service*)).ab,ti. OR (((joint OR joined OR mixed OR combined OR integrated) ADJ6 (unit OR units OR ward OR wards)).ab,ti. OR "medically complex" OR "difficult medical" OR "complexity intervention").in,ab,ti. AND (exp psychiatry/ OR "Psychiatric Department, Hospital"/ OR (psychiatr*).in,ab,ti.)

PsycINFO (OvidSP)

((medical OR physical OR medicine OR mixed OR med) ADJ3 (psychiatr* OR mental OR psych) ADJ6 (unit OR units OR department* OR ward OR wards OR inpatient* OR setting* OR service*)).ab,ti. OR (((joint OR joined OR mixed OR combined OR integrated) ADJ6 (unit OR units OR ward OR wards)).ab,ti. OR "medically complex" OR "difficult medical" OR "complexity intervention").in,ab,ti. AND (exp psychiatry/ OR exp "Psychiatric Units"/ OR (psychiatr*).in,ab,ti.)

Cochrane

((medical OR physical OR medicine OR mixed OR med) NEAR/3 (psychiatr* OR mental OR psych) NEAR/6 (unit OR units OR department* OR ward OR wards OR inpatient* OR setting* OR service*)):ab,ti OR (((joint OR joined OR mixed OR combined OR integrated) NEAR/6 (unit OR units OR ward OR wards)) OR 'medically complex' OR 'difficult medical' OR 'complexity intervention'):ab,ti AND ((psychiatr*):ab,ti)

Web-of-science

TS=(((medical OR physical OR medicine OR mixed OR med) NEAR/2 (psychiatr* OR mental OR psych) NEAR/5 (unit OR units OR department* OR ward OR wards OR inpatient* OR setting* OR service*)) OR (((joint OR joined OR mixed OR combined OR integrated) NEAR/5 (unit OR units OR ward OR wards)) OR "medically complex" OR "difficult medical" OR "complexity intervention") AND ((psychiatr*)))

Scopus

TITLE-ABS-KEY(((medical OR physical OR medicine OR mixed OR med) W/2 (psychiatr* OR mental OR psych) W/5 (unit OR units OR department* OR ward OR wards OR inpatient* OR setting* OR service*)) OR (((joint OR joined OR mixed OR combined OR integrated) W/5 (unit OR units OR ward OR wards)) OR "medically complex" OR "difficult medical" OR "complexity intervention") AND ((psychiatr*)))

CINAHL

((medical OR physical OR medicine OR mixed OR med) N3 (psychiatr* OR mental OR psych) N6 (unit OR units OR department* OR ward OR wards OR inpatient* OR setting* OR service*)) OR (((joint OR joined OR mixed OR combined OR integrated) N6 (unit OR units OR ward OR wards)) OR "medically complex" OR "difficult medical" OR "complexity intervention") AND (MH psychiatry+ OR MH "Psychiatric Units+" OR (psychiatr*))

Google Scholar

"medical|physical|medicine|mixed|med psychiatry|mental|psych unit|units|department|ward|wards|setting|service"