

The Effects of Multidisciplinary Team Meetings on Clinical Practice for Colorectal, Lung, Prostate and Breast Cancer: A Systematic Review

Lejla Kočo ^{1,*}, Harm H. A. Weekenstroom ^{1,*}, Doenja M. J. Lambregts ², J. P. Michiel Sedelaar ³, Mathias Prokop ¹, Jurgen J. Fütterer ¹ and Ritse M. Mann ^{1,2}

Table S1. Database search string.

Sub elements	Mesh or Search term
Colorectal cancer	<i>Mesh:</i> Colorectal Neoplasms (pubmed), [Colorectal Neoplasms] explode all trees (Cochrane)
	<i>Search terms:</i> Colorectal AND cancer/cancers/neoplasm/neoplasms/carcinoma/ carcinomas/tumor/tumors/tumour/tumours/malignancy/malignancies/adenocarcinoma/ adenocarcinomas
Lung cancer	<i>Mesh:</i> “Lung Neoplasms” (pubmed) , [Lung Neoplasms] explode all trees (Cochrane)
	<i>Search terms:</i> Pulmonary/Lung AND cancer/cancers/neoplasm/neoplasms/carcinoma/ carcinomas/tumor/tumors/tumour/tumours/malignancy/malignancies/adenocarcinoma/ adenocarcinomas
Prostate cancer	<i>Mesh:</i> “Prostatic Neoplasms” (pubmed) , [Prostatic Neoplasms] explode all trees (Cochrane)
	<i>Search terms:</i> Prostate/Prostatic AND cancer/cancers/neoplasm/neoplasms/carcinoma/ carcinomas/tumor/tumors/tumour/tumours/malignancy/malignancies/adenocarcinoma/ adenocarcinomas
Breast cancer	<i>Mesh:</i> “Breast Neoplasms” (pubmed) , [Breast Neoplasms] explode all trees (Cochrane)
	<i>Search terms:</i> Breast/Mammary AND cancer/cancers/neoplasm/neoplasms/carcinoma/ carcinomas/tumor/tumors/tumour/tumours/malignancy/malignancies/adenocarcinoma/ adenocarcinomas
MDTM	<i>Search terms:</i> Interdisciplinary approach, Interdisciplinary board, Interdisciplinary cancer conference, Interdisciplinary care, Interdisciplinary coordinated care, Interdisciplinary group, Interdisciplinary health care, Interdisciplinary healthcare, Interdisciplinary intervention, Interdisciplinary model, Interdisciplinary patient management, Interdisciplinary team, Interdisciplinary telecare, Interdisciplinary treatment, Interdisciplinary Health Team, MDT, MDTs, Multidisciplinary approach, Multidisciplinary board, Multidisciplinary cancer conference, Multidisciplinary care, Multidisciplinary coordinated care, Multidisciplinary group, Multidisciplinary health care, Multidisciplinary Health Team, Multidisciplinary healthcare, Multidisciplinary intervention, Multidisciplinary model, Multidisciplinary patient management, Multidisciplinary team, Multidisciplinary telecare, Multidisciplinary treatment, tumor board, tumour board, Interdisciplinary cancer care, interdisciplinary cancer, interdisciplinary management, interdisciplinary cancer management, Multidisciplinary cancer care, Multidisciplinary cancer, Multidisciplinary management, Multidisciplinary cancer management

Search strategy used in the original (24-06-2019) and update searches (02-01-2020 and 05-01-2021).

Table S2. Search results per database.

Database	Date	Results	Total
Pubmed	24-06-2019	4144	4948
	02-01-2020	321	
	05-01-2021	483	
Embase	24-06-2019	8195	10092
	02-01-2020	890	
	05-01-2021	1007	
Cochrane	24-06-2019	827	1325
	02-01-2020	321	
	05-01-2021	177	
Web of Science	24-06-2019	3698	4547
	02-01-2020	372	
	05-01-2021	477	

Results of search strategy used in the original (24-06-2019) and update searches (02-01-2020 and 05-01-2021).

	Confounding	Selection of Participants	Classification of interventions	Deviations of intervention	Missing Data	Measurement of outcomes	Selection in Reported results	Overall bias	Level of evidence
Acher et al.	Low	Low	No Information	No Information	Low	Serious	No Information	Serious	Very low
Anania et al.	Critical	Moderate	Moderate	No Information	Moderate	Moderate	Low	Critical	Very low
Boxer et al.	Serious	Moderate	Moderate	No Information	Serious	Moderate	Low	Serious	Very low
Brandao et al.	Serious	Low	Moderate	Moderate	Serious	Moderate	Low	Serious	Very low
Bydder et al.	Serious	Moderate	Moderate	No Information	Low	Moderate	Low	Serious	Very low
Chen et al.	Critical	Moderate	Moderate	No Information	Moderate	Moderate	Low	Critical	Very low
Chinai et al.	Low	Low	No Information	No Information	No Information	Critical	Low	Critical	Very low
De Luca et al.	Moderate	Serious	Moderate	No Information	Moderate	Critical	Low	Critical	Very low
El Khoury et al.	Moderate	Moderate	Moderate	No Information	Low	Critical	Low	Critical	Very low
Fernando et al.	Serious	Serious	Moderate	No Information	Low	Critical	Low	Critical	Very low
Freeman et al.	Serious	Moderate	Low	No Information	Low	Moderate	Low	Serious	Very low
Foucan et al.	Moderate	Moderate	Low	No Information	Serious	Moderate	Low	Serious	Very low
Hung et al.	Critical	Serious	Moderate	No Information	No Information	Moderate	Low	Critical	Very low
Jung et al.	Serious	Serious	Moderate	No Information	Moderate	Critical	Low	Critical	Very low
Karagkounis et al.	Moderate	Moderate	Moderate	No Information	Serious	Critical	Low	Critical	Very low
Kurpad et al.	Moderate	Low	Moderate	No Information	Low	Moderate	Low	No Information	Low
Lan et al.	Critical	Moderate	Moderate	No Information	Moderate	Moderate	Low	Critical	Very low
Macdermid et al.	Serious	Moderate	Moderate	No Information	Moderate	Moderate	Low	Serious	Very low
Maurizi et al.	Serious	Moderate	Moderate	No Information	Low	Moderate	Low	Serious	Very low
Munro et al.	Serious	Critical	Serious	No Information	Serious	Moderate	Low	Critical	Very low
Murthy et al.	Low	No Information	Moderate	No Information	Low	No Information	Low	No Information	Low
Muthukrishnan et al.	Moderate	Serious	Moderate	No Information	No Information	Moderate	Low	Serious	Very low
Nikolovski et al.	Critical	Serious	Moderate	No Information	Low	Moderate	Low	Critical	Very low
Palmer et al.	Critical	Moderate	Moderate	No Information	Serious	Moderate	Low	Critical	Very low
Pan et al.	Serious	Moderate	No Information	No Information	Low	Moderate	Low	Serious	Very low
Rao et al.	Low	Serious	Moderate	No Information	Moderate	Serious	Low	Serious	Very low
Richardson et al.	Serious	Low	Moderate	No Information	Moderate	Moderate	Low	Serious	Very low
Ryan et al.	Low	Low	Moderate	No Information	Low	Serious	Low	Serious	Very low
Scarberry et al.	Moderate	Serious	Moderate	No Information	Low	Critical	Low	Critical	Very low
Schmidt et al.	Moderate	Serious	Moderate	No Information	No Information	Critical	Low	Critical	Very low
Snelgrove et al.	Low	Serious	Moderate	Moderate	Low	Critical	Low	Critical	Very low
Stone et al.	Serious	Low	Moderate	No Information	Serious	Moderate	Low	Serious	Very low
Swellengrebel et al.	Critical	Moderate	Moderate	No Information	Serious	Moderate	Low	Critical	Very low
Tamburini et al.	Critical	Serious	Moderate	No Information	Moderate	Moderate	Low	Critical	Very low
Tsai et al.	Moderate	Serious	Low	No Information	Low	Moderate	Low	Serious	Very low
Ung et al.	Low	Serious	Moderate	No Information	Serious	Moderate	Low	Serious	Very low
Vaughan-Shaw et al.	Critical	Moderate	Moderate	No Information	No Information	Moderate	Low	Critical	Very low
Wanis et al.	Critical	Serious	Moderate	No Information	Moderate	Moderate	Low	Critical	Very low
Wille-Jorgensen et al.	Critical	No Information	Moderate	No Information	Critical	Moderate	Low	Critical	Very low
Yang et al.	Moderate	Moderate	Moderate	No Information	Moderate	Serious	Low	Serious	Very low
Ye et al.	Critical	Serious	Moderate	No Information	No Information	Moderate	Low	Critical	Very low

Low Moderate Serious Critical No Information

Figure S1. Risk of bias and quality of care.