

Appendix 1 Search strategy for step-1 algorithm (strings: bold) and step-2 algorithm (added strings: not bold)

	Identification strings	Search fields				
		Diag-nose ^a	Suppl. diagn. ^b	Anam-nesis ^c	Suppl. Inf. ^d	Suppl. Clin. Inf. ^e
	Including strings					
General & non-specific	pakke	X	X	X	X	X
	kræft	X	X	X	X	X
	cancer	X	X	X	X	X
	malign	X	X	X	X	X
	neopl	X	X	X	X	X
	tumor	X	X	X	X	X
	okkult, occult	X	X	X	X	X
	akp	X	X	X	X	X
	ondart	X	X	X	X	X
	c., c.pulm, c.panc, c.cerv, c. uteri, c.mamma, c.cere, c.test	X	X	X	X	X
	knude , svulst, lymfekirt, gld	X	X	X	X	X
	udfyldn , d24, x19	X	X	X	X	X
	carc	X	X	X	X	X
	nattesved	X	X	X	X	X
	vægttab	X	X	X	X	X
anæmi, anaemi	X	X	X	X	X	
forløbskoordinator	X	X	X	X	X	
metasta	X	X	X	X	X	
Colorectal	blødning fra endetarm	X	X	X	X	X
	rectum	X	X	X	X	X
	blod i aff	X	X	X	X	X
	aff	X	X	X	X	X
	coli	X	X	X	X	X
	icterus, ikterus, gulsot	X	X	X	X	X
	recti	X	X	X	X	X
loskopi, deoskopi, loscopi, deoscopi	X	X	X	X	X	
Gastric	ventriculi	X	X	X	X	X
	synkestop, synkebesvær	X	X	X	X	X
	hæmatemese					
	gastroskopi, gastroscopi	X	X	X	X	X
Male genital	pros	X	X	X	X	X
	psa	X	X	X	X	X
Female genital	postmenopausal, postklim, post klim, rhagia in climact, x12	X	X	X	X	X
	menopause	X	X	X	X	X
	ovari	X	X	X	X	X
Bladder, kidney	hæmaturi	X	X	X	X	X
	blærepapil	X	X	X	X	X
	cystoskopi, cystoscopi	X	X	X	X	X
Lung	hæmoptyse	X	X	X	X	X
	blodig ekspe	X	X	X	X	X
	mesoteliom	X	X	X	X	X
	infiltrat	X	X	X	X	X
Hematology	leukæmi, leucaemi, leucaemia	X	X	X	X	X
	lymfom	X	X	X	X	X
	cll	X	X	X	X	X
	myelomatose	X	X	X	X	X
	myelodysplas	X	X	X	X	X
	polycytæmi	X	X	X	X	X
Tis-sue	sarkom	X	X	X	X	X
Skin	mm , mm#, mel mal , mel. mal, mal. mel	X	X	X	X	X
	kt nævus , kt nævus, kt modermærke, kt modersmærke	X	X	X	X	X

Notes: ^a, Referral_Refer_DiagnoseText; ^b, Referral_Referral_Additional_Diag2; ^c, Relevantclinicalinformation_Anam; ^d, AdditionalInformation_Supplement; ^e, AdditionalInformation_ClinicalRe.

Appendix 3 Search strategy for the final algorithm

	Identification strings		Search fields				
	Including strings	Excluding strings	Diag-nose ^a	Suppl. diagn. ^b	Anam-nesis ^c	Suppl. Inf. ^d	Suppl. Clin. Inf. ^e
General & non-specific	pakke	pakkeår, rheumapakke, hjerte(pakke), angina, insufficiens, paraneoplastisk pakke, hjerteklap, dosispakke	X	X	X	X	X
	kræft	kræfte, kræfti, tidligere kræft, tidl. kræft, us for livmoderhalskræft, screening for livmoderhalskræft, hudkræft	X		X	X	X
	cancer	hudcancer	X		X	X	X
	malign	ikke malign, ingen dysplasi eller tegn til malignitet, intet malign, ingen måde malign, malignitet udelukket, malignitet afkræftet, malign hyperten, non malign, nonmalign, ingen malign, ingen mistanke om malign	X	X	X	X	X
	neopl	neopl ben	X			X	X
	tumor	tumor hæm, tumores, ingen tumor, lille tumor, utan tumor, hånd, fod, finger, tå	X	X		X	X
	okkult, occult		X	X			
	akp		X	X	X	X	X
	ondart		X	X	X	X	X
	c., c.pulm, c.panc, c.cerv, c. uteri, c.mamma, c.cere, c.test	ruptur, prolaps, et c. , commotio c,	X			X	X
	knude, svulst, lymfekirt, gld	seneknude, åreknude, Åreknude, benign knude, godartet knude, sinusknude, subcutan knude, fedtknude, hånd, fod, finger, tå	X	X			X
	udfyldn, d24, x19	ingen udfyldn	X	X			
	nattesved		X	X			X
	vægttab		X	X			X
	anæmi, anaemi	Transfusion, venofer	X	X			X
	forløbskoordinator		X	X	X	X	X
metasta	ingen metasta, kendt metasta	X	X	X	X	X	
Colorectal	blødning fra endetarm		X	X	X	X	X
	rectum		X	X			
	blod i aff	Ikke haft blod i aff, ikke set blod i aff, ingen blod i aff	X	X	X	X	X
	aff	affe, ufrivillig	X	X			
	coli	colitis, scoli	X				X
	icterus, ikterus, gulsot	galdesten, cholelit	X	X		X	X
	recti	erecti	X				X
loskopi, deoskopi, loscopi, deoscopi	diverti	X	X		X	X	

Appendix 3, continued

Gastric	ventriculi	ulcus ventriculi	X				X
	synkestop, synkebesvær	intet synkebesvær, ikke synkebesvær	X	X	X	X	X
	gastroskopi, gastroscopi	corpus ali, fremmedlegeme, ulcus, reflu	X	X		X	X
Male genital	pros	peretrofi, perplasi, prostatit	X				X
	psa & forhøjet		X	X	X	X	X
Female genital	postmenopausal, postklim, post klim, x12, rhagia in climact	dxa, dexa	X	X		X	X
	menopause	dxa, dexa	X	X		X	X
	ovari	cyst	X				X
Bladder, kidney	hæmaturi	mikroskopisk hæmaturi, mikroskopisk hæmaturi, ingen hæmaturi, nyresten, ureterolit, urolit, urolot, ikke hæmaturi	X	X	X	X	X
	blærepapil		X				X
	cystoskopi, cystoscopi		X	X		X	X
Lung	hæmoptyse	ingen hæmoptyse, ikke hæmoptyse	X	X	X	X	X
	blodig ekspe		X	X			
	mesoteliom	kendt mesotheliom	X				X
	infiltrat		X	X			
Hematology	leukæmi, leucæmi, leucaemia	kendt leukæmi, kendt leucæmi	X				X
	lymfom	kendt lymfom	X				X
	cll	kendt cll	X				X
	myelomatose	kendt myelomatose	X				X
	myelodysplas	kendt myelodysplas	X				X
	polycyt	kendt polycyt	X				X
Tissue	sarkom	kendt sarkom	X				X
Skin	mel mal, mal. mel, mel. mal		X	X			X
	kt nævus, kt naevus, kt modermærke, kt modersmærke		X	X	X	X	X
	bcc, basocellular, basalcelle		X	X	X	X	X

Notes: ^a, Referral_Refer_DiagnoseText; ^b, Referral_Referral_Additional_Diag2; ^c, Relevantclinicalinformation_Anam;

^d, AdditionalInformation_Supplement; ^e, AdditionalInformation_ClinicalRe

Appendix 2 Search strategy for step-3 algorithm

	Identification strings	Search fields				
	Including strings	Diag- nose ^a	Suppl. diagn. ^b	Anam- nesis ^c	Suppl. Inf. ^d	Suppl. Clin. Inf. ^e
General & non-specific	pakke	X	X	X	X	X
	kræft	X		X	X	X
	cancer	X		X	X	X
	malign	X	X	X	X	X
	neopl	X			X	X
	tumor	X	X		X	X
	okkult, occult	X	X			
	akp	X	X	X	X	X
	ondart	X	X	X	X	X
	c., c.pulm, c.panc, c.cerv, c. uteri, c.mamma, c.cere, c.test	X			X	X
	knude, svulst, lymfekirt, gld	X	X			X
	udfyldn, d24, x19	X	X			
	carc	X	X			
	nattesved	X	X			X
	vægttab	X	X			X
	anæmi, anaemi	X	X			X
	forløbskoordinator	X	X	X	X	X
metasta	X	X	X	X	X	
Colorectal	blødning fra endetarm	X	X	X	X	X
	rectum	X	X			
	blod i aff	X	X	X	X	X
	aff	X	X			
	coli	X				X
	icterus, ikterus, gulsot	X	X		X	X
	recti	X				X
Gastric	loskopi, deoskopi, loscopi, deoscopi	X	X		X	X
	ventriculi	X				X
	synkestop, synkebesvær	X	X	X	X	X
Male genita	gastroskopi, gastroscopi	X	X		X	X
	pros	X				X
Female genital	psa	X	X	X	X	X
	postmenopausal, postklim, post klim, rhagia in climact, x12	X	X		X	X
	menopause	X	X		X	X
Bladder, kidney	ovari	X			X	X
	hæmaturi	X	X	X	X	X
	blærepapil	X				X
Lung	cystoskopi, cystoscopi	X	X		X	X
	hæmoptyse	X	X	X	X	X
	blodig ekspe	X	X			
	mesoteliom	X				X
Hematology	infiltrat	X	X			
	leukæmi, leucæmi, leukaemia	X				X
	lymfom	X				X
	cll	X				X
	myelomatose	X				X
	myelodysplas	X				X
Tis-sue	polycyt	X				X
	sarkom	X				X
Skin	mm, mm#, mel mal, mal. mel, mel. mal	X	X			X
	kt nævus, kt naevus, kt modermærke, kt modersmærke	X	X	X	X	X

Notes: ^a, Referral_Refer_DiagnoseText; ^b, Referral_Referral_Additional_Diag2; ^c, Relevantclinicalinformation_Anam;
^d, AdditionalInformation_Supplement; ^e, AdditionalInformation_ClinicalRe