Supplemental material

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Supplementary Material 1

Search Terms:

The academic databases were searched on the 1st February 2024 using the following search terms and restrictions.

Embase/MEDLINE:

Produced 54 results

1.	rectal
2.	colorectal
3.	cancer
4.	ai
5.	machine learning
6.	artificial intelligence
7.	deep learning
8.	lymph node
9.	mr
10.	mri
11.	ct
12.	1 or 2
13.	8 or 9
14.	4 or 5 or 6 or 7
15.	radiology
16.	10 or 11 or 12 or 16
17.	3 and 13 and 14 and 15 and 17
18.	limit 18 to yr="2018 -Current"
19.	limit 19 to english language
20.	limit 20 to full text
21.	remove duplicates from 21

Scopus:

(TITLE-ABS-KEY ("rectal") OR TITLE-ABS-KEY ("colorectal")) AND TITLE-ABS-KEY ("cancer") AND (TITLE-ABS-KEY ("artificial intelligence") OR TITLE-ABS-KEY ("machine learning") OR TITLE-ABS-KEY ("deep learning")) AND (TITLE-ABS-KEY ("lymph node") AND (TITLE-ABS-KEY ("mr") OR TITLE-ABS-KEY ("mri") OR TITLE-ABS-KEY ("ct") OR TITLE-ABS-KEY ("radiology"))

Restrictions: "2018-2024" and "Document type: Article or Review or Conference paper"

Produced 46 results

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IEE Xplore

("Full Text Only": rectal OR "Full Text Only": colorectal) AND ("Full Text Only": cancer) AND ("Full Text Only": artificial intelligence OR "Full Text Only": machine learning OR "Full Text Only": deep learning) AND ("Full Text Only": lymph node) AND ("Full Text Only": mr OR "Full Text Only": mri OR "Full Text Only": ct OR "Full Text Only": radiology)

Restrictions: "2018-2024" and "Filters: Journals or Conferences"

Produced 82 results

Web of science:

(ALL=(rectal) OR ALL=(colorectal)) AND ALL=(cancer) AND (ALL=(artificial intelligence) OR ALL=(machine learning) OR ALL=(deep learning)) AND ALL=(lymph node) AND (ALL=(mr) OR ALL=(mri) OR ALL=(ct) OR ALL=(radiology))

Restrictions: "2018-2024"

Produced 55 results

Google Scholar:

("colorectal" or "colon" or "rectal") and ("cancer") and ("ai" or ("artificial" and "intelligence") or ("deep" and "learning") or ("machine" and "learning")) and ("lymph" and "node") and ("mr" or "mri" or "ct" or "radiology")).

Restrictions: "2018-2024"

Note that Google Scholar was searched in a non-systematic way, the reviewer BGK selected studies to read the abstract based on the title whereas the abstracts were reviewed for all results on the other databases.