

Appendix 1: Full Electronic Search Strategies

Last search Date: September 2, 2024

Note: The following search strategies were applied to capture records published from January 1, 1996 to September 1, 2024. Adjustments for field tags (e.g., [tiab], [mh]) are specific to each database platform. Limits for human studies, language (English), and publication date range were applied as specified in each strategy below.

1 PubMed (via MEDLINE)

#1 "Dairy Products"[Mesh] OR "Milk"[Mesh] OR "Cheese"[Mesh] OR "Yogurt"[Mesh] OR "Butter"[Mesh]

#2 dairy[tiab] OR milk[tiab] OR cheese[tiab] OR yogurt[tiab] OR yoghurt[tiab] OR butter[tiab] OR butterfat[tiab] OR cream[tiab] OR curd[tiab] OR koumiss[tiab] OR pudding[tiab] OR custard[tiab] OR fromage[tiab] OR whey[tiab] OR casein[tiab] OR lactalbumin[tiab] OR margarine[tiab] OR ghee[tiab] OR kefir[tiab] OR ricotta[tiab] OR quark[tiab] OR muenster[tiab] OR mozzarella[tiab] OR cheddar[tiab]

#3 #1 OR #2

#4 "Thyroid Neoplasms"[Mesh] OR "Adenocarcinoma, Follicular"[Mesh]

#5 "Thyroid Neoplasm"[tiab] OR "Thyroid Neoplasms"[tiab] OR "Thyroid Carcinoma"[tiab] OR "Thyroid Carcinomas"[tiab] OR "Cancer of Thyroid"[tiab] OR "Thyroid Cancers"[tiab] OR "Thyroid Cancer"[tiab] OR "Cancer of the Thyroid"[tiab] OR "Thyroid Adenoma"[tiab] OR "Thyroid Adenomas"[tiab]

#6 #4 OR #5

#7 #3 AND #6

#8 ("1996/01/01"[Date - Publication] : "2024/09/01"[Date - Publication])

#9 #7 AND #8

#10 Filters applied: Human; English

2 EMBASE (via Ovid)

1. exp dairy product/ or exp milk/ or exp cheese/ or exp yogurt/ or exp butter/

2. (dairy or milk or cheese or yogurt or yoghurt or butter or butterfat or cream or curd or koumiss or pudding or custard or fromage or whey or casein or lactalbumin or margarine or ghee or kefir or ricotta or quark or muenster or mozzarella or cheddar).ti,ab,kw.

3. 1 or 2

4. exp thyroid tumor/ or exp follicular carcinoma/

5. ("Thyroid Neoplasm" or "Thyroid Neoplasms" or "Thyroid Carcinoma" or "Thyroid Carcinomas" or "Cancer of Thyroid" or "Thyroid Cancers" or "Thyroid Cancer" or "Cancer of the Thyroid" or "Thyroid Adenoma" or "Thyroid Adenomas").ti,ab,kw.

6. 4 or 5

7. 3 and 6

8. limit 7 to (human and english language and yr="1996 - 2024")

3 Web of Science Core Collection

We conducted an advanced search. The following is the complete query string used:

(TS=("dairy product*" OR milk OR cheese OR yogurt OR yoghurt OR butter OR butterfat OR cream OR curd OR koumiss OR pudding OR custard OR fromage OR whey OR casein OR lactalbumin OR margarine OR ghee OR kefir OR ricotta OR quark OR muenster OR mozzarella OR cheddar) AND TS=("Thyroid Neoplasm" OR "Thyroid Neoplasms" OR "Thyroid Carcinoma" OR "Thyroid Carcinomas" OR "Thyroid Cancer" OR "Thyroid Cancers" OR "Cancer of Thyroid" OR "Cancer of the Thyroid" OR "Thyroid Adenoma" OR "Thyroid Adenomas")) AND DOP=(1996-01-01/2024-09-01)

Filters applied post-search via the interface: Language: English; Document Types: Article OR Review.