

## Systematic search:

Body contouring as gender-affirming surgery in transgender patients: A systematic review of the current literature.

### 1. Pubmed:

Date of search: April 3<sup>rd</sup> /2024

Database limit: no database limit has been applied.

Search terms: non-controlled vocabulary and Boolean operators.

| Pubmed: | Concept                             | Search string # | Search query  | Results retrieved |
|---------|-------------------------------------|-----------------|---|-------------------|
| pubmed  | (body contour)<br>AND (transgender) | #1              | "human body"[MeSH Terms] OR ("human"[All Fields] AND "body"[All Fields]) OR "human body"[All Fields] OR "body"[All Fields]) AND ("contour"[All Fields] OR "contour s"[All Fields] OR "contoured"[All Fields] OR "contouring"[All Fields] OR "contours"[All Fields]) AND ("transgender persons"[MeSH Terms] OR ("transgender"[All Fields] AND "persons"[All Fields]) OR "transgender persons"[All Fields] OR "transgender"[All Fields] OR "transgendered"[All Fields] OR "transgenders"[All Fields])<br><b>Translations</b><br><b>body:</b> "human body"[MeSH Terms] OR ("human"[All Fields] AND "body"[All Fields]) OR "human body"[All Fields] OR "body"[All Fields]<br><b>contour:</b> "contour"[All Fields] OR "contour's"[All Fields] OR "contoured"[All Fields] OR "contouring"[All Fields] OR "contours"[All Fields]<br><b>transgender:</b> "transgender persons"[MeSH Terms] OR ("transgender"[All Fields] AND "persons"[All Fields]) OR "transgender persons"[All Fields] OR "transgender"[All Fields] OR "transgendered"[All Fields] OR "transgenders"[All Fields] | 36                |

|                    |   |    |   |         |
|--------------------|---|----|---|---------|
| Pubmed: All fields | Body contouring in gender affirming surgery   |    | ("body contouring"[MeSH Terms] OR ("body"[All Fields] AND "contouring"[All Fields]) OR "body contouring"[All Fields]) AND ("sex reassignment surgery"[MeSH Terms] OR ("sex"[All Fields] AND "reassignment"[All Fields] AND "surgery"[All Fields]) OR "sex reassignment surgery"[All Fields] OR ("gender"[All Fields] AND "affirming"[All Fields] AND "surgery"[All Fields]) OR "gender affirming surgery"[All Fields])<br><b>Translations</b><br><b>body contouring:</b> "body contouring"[MeSH Terms] OR ("body"[All Fields] AND "contouring"[All Fields]) OR "body contouring"[All Fields]<br><b>gender affirming surgery:</b> "sex reassignment surgery"[MeSH Terms] OR ("sex"[All Fields] AND "reassignment"[All Fields] AND "surgery"[All Fields]) OR "sex reassignment surgery"[All Fields] OR ("gender"[All Fields] AND "affirming"[All Fields] AND "surgery"[All Fields]) OR "gender affirming surgery"[All Fields] | 22      |
|                    | (((((((transgender) OR (transfemale)) OR (transmale)) OR (binary)) OR (transwomen)) OR (transmale)) OR (transmen)) OR (transwoman)                            | #3 |   | 117,123 |
|                    | (((((((gluteoplasty) OR (lower body contouring)) OR (hip augmentation)) OR (gluteal augmentation)) OR (chest wall contouring)) OR (upper body contouring)) OR | #4 |   | 4.541   |

|  |  |  |   |    |
|--|--|--|---|----|
|  | (body<br>contouring)) OR<br>(body contouring<br>gender affirming<br>surgery) |  |   |    |
|  | #3 AND #4  |  | "gluteoplasty"[All Fields]<br>OR (("lower"[All Fields] OR<br>"lowered"[All Fields] OR<br>"lowering"[All Fields] OR<br>"lowerings"[All Fields] OR<br>"lowers"[All Fields]) AND<br>("body contouring"[MeSH<br>Terms] OR ("body"[All<br>Fields] AND<br>"contouring"[All Fields])<br>OR "body contouring"[All<br>Fields])) OR (("hip"[MeSH<br>Terms] OR "hip"[All Fields])<br>AND ("augment"[All Fields]<br>OR "augmentation"[All<br>Fields] OR<br>"augmentations"[All Fields]<br>OR "augmented"[All<br>Fields] OR<br>"augmenting"[All Fields]<br>OR "augments"[All<br>Fields])) OR (("gluteal"[All<br>Fields] OR "gluteals"[All<br>Fields]) AND<br>("augment"[All Fields] OR<br>"augmentation"[All Fields]<br>OR "augmentations"[All<br>Fields] OR<br>"augmented"[All Fields]<br>OR "augmenting"[All<br>Fields] OR "augments"[All<br>Fields])) OR (("thoracic<br>wall"[MeSH Terms] OR<br>("thoracic"[All Fields] AND<br>"wall"[All Fields]) OR<br>"thoracic wall"[All Fields]<br>OR ("chest"[All Fields]<br>AND "wall"[All Fields]) OR<br>"chest wall"[All Fields])<br>AND ("contour"[All Fields]<br>OR "contour s"[All Fields]<br>OR "contoured"[All Fields]<br>OR "contouring"[All Fields]<br>OR "contours"[All Fields]))<br>OR (("upper"[All Fields]<br>OR "uppers"[All Fields])<br>AND ("body<br>contouring"[MeSH Terms]<br>OR ("body"[All Fields] AND<br>"contouring"[All Fields])<br>OR "body contouring"[All<br>Fields])) OR ("body<br>contouring"[MeSH Terms]<br>OR ("body"[All Fields] AND<br>"contouring"[All Fields]) | 49 |

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | OR "body contouring"[All Fields]) OR (("body contouring"[MeSH Terms] OR ("body"[All Fields] AND "contouring"[All Fields]) OR "body contouring"[All Fields]) AND ("sex reassignment surgery"[MeSH Terms] OR ("sex"[All Fields] AND "reassignment"[All Fields] AND "surgery"[All Fields]) OR "sex reassignment surgery"[All Fields] OR ("gender"[All Fields] AND "affirming"[All Fields] AND "surgery"[All Fields]) OR "gender affirming surgery"[All Fields])))) AND ("transgender persons"[MeSH Terms] OR ("transgender"[All Fields] AND "persons"[All Fields]) OR "transgender persons"[All Fields] OR "transgender"[All Fields] OR "transgendered"[All Fields] OR "transgenders"[All Fields] OR "transfemale"[All Fields] OR "transmale"[All Fields] OR ("binaries"[All Fields] OR "binary"[All Fields]) OR "transwomen"[All Fields] OR "transmale"[All Fields] OR "transmen"[All Fields] OR "transwoman"[All Fields]) |  |
|--|--|--|--|--|

**Total first Pubmed search: 58**

**Second pubmed search: 49.**

## **2. Ovid Medline (R), Embase**

Date of search: April 5<sup>th</sup>/2024

Database limit: no database limit has been applied.

Search terms: non-controlled vocabulary, and Boolean operators.



Search History (3) ^

View Saved

✕

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# ▲ Searches

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body contour.mp. [mp+ti, ab, hw, tn, ot, dm, mf, dv, kf, fx, dq, bt, nm, ox, px, rx, an, ui, sy, ux, mx, tx, sh, ct]  
Embase <1988 to 2024 Week 13>  
Ovid MEDLINE(R) <1946 to March Week 4 2024>  
Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations <1996 to April 01, 2024>  
Journals@Ovid Full Text <April 02, 2024>

3009  
780  
403  
428  
1398

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1

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transgender.mp. [mp+ti, ab, hw, tn, ot, dm, mf, dv, kf, fx, dq, bt, nm, ox, px, rx, an, ui, sy, ux, mx, tx, sh, ct]  
Embase <1988 to 2024 Week 13>  
Ovid MEDLINE(R) <1946 to March Week 4 2024>  
Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations <1996 to April 01, 2024>  
Journals@Ovid Full Text <April 02, 2024>

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19723  
11170  
14173  
19640

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Combine with: ANDOR

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Share Search History

Basic SearchFind CitationSearch ToolsSearch FieldsAdvanced SearchMulti-Field Search

4 resources selectedHideChange

🕒 Embase 1988 to 2024 Week 13

🕒 Ovid MEDLINE(R) 1946 to March Week 4 2024

🕒 Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations 1996 to April 01, 2024

🕒 Journals@Ovid Full Text April 02, 2024

Total: 19 articles

### 3. Scopus

Date of search: April 5<sup>th</sup> /2024

Database limit: no database limit has been applied.

Search terms: non-controlled vocabulary, and Boolean operators.

| Scopus | Concept                                      | Search string # | Search query   | Results retrieved |
|--------|--|-----------------|--|-------------------|
|        | Body contouring and gender affirming surgery | #1              | TITLE-ABS-KEY<br>( body AND contouring )<br>AND gender AND affirming AND surgery<br>37 | 37                |