Literature Search

ACR Appropriateness Criteria®

Nuchal Translucency Evaluation at 11 to 14 Weeks Gestational Age

Literature Search Performed on: 06/04/2018

Beginning Date: January 2008

End Date: May 2018

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy

1 Down Syndrome/ (23044)

2 trisomy 21.mp. (5432)

3 Chromosome Aberrations/ (60003)

4 cell-free fetal DNA.mp. (684)

5 Heart Defects, Congenital/ (49329)

6 structural anomalies.mp. (1369)

7 genetic syndromes.mp. (1540)

8 Risk Assessment/ (227584)

9 Lymphangioma, Cystic/ (1412)

10 monochorionic-diamniotic twins.mp. (136)

11 Fetofetal Transfusion/ (1878)

12 Genetic Testing/ (33081)

13 Noonan Syndrome/ (1451)

14 Fetal Diseases/ (28503)

15 Crown-Rump Length/ (760)

16 KARYOTYPE/ (2522)

17 Chorionic Gonadotropin/ (27389)

18 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 (446823)

19 Pregnancy/ (818730)

20 18 and 19 (66351)

21 Nuchal Translucency Measurement/ (1183)

22 20 and 21 (865)

23 exp Diagnostic Imaging/ (2431410)

24 22 and 23 (865)

25 limit 24 to (abstracts and english language and humans and yr="2008 -Current") (502)

26 limit 25 to "review" (56)

27 25 not 26 (446)

28 limit 27 to ("newborn infant (birth to 1 month)" or "infant (1 to 23 months)" or "preschool child (2 to 5 years)" or "child (6 to 12 years)") (54)

29 27 not 28 (392)

30 limit 29 to case reports (16)

31 29 not 30 (376)

Literature Search Performed on: 02/09/2018

Beginning Date: January 2015

End Date: January 2018

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy

1 Down Syndrome/ (22809)

2 Trisomy 21/ (22809)

3 chromosomal abnormalities/ (59772)

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Nuchal Translucency Evaluation at 11 to 14 Weeks Gestational Age

4 Cell-free fetal DNA.mp. (656)
5 Congenital heart defects/ (48846)
6 structural anomalies.mp. (1347)
7 genetic syndromes.mp. (1499)
8 risk assessment/ (222750)
9 cystic hygroma/ (1399)
10 monochorionic-diamniotic twins.mp. (129)
11 fetofetal transfusion/ (1856)
12 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 (354876)
13 Pregnancy Trimester, First/ (15081)
14 12 and 13 (2252)
15 Nuchal Translucency Measurement/ (1165)
16 14 and 15 (437)
17 exp diagnostic imaging/ (2399072)
18 16 and 17 (437)
19 limit 18 to ("all infant (birth to 23 months)" or "preschool child (2 to 5 years)" or "child (6 to 12 years)") (47)
20 18 not 19 (390)
21 limit 20 to (abstracts and english language and humans and yr="2015 -Current") (46)
22 limit 21 to case reports (1)
23 21 not 22 (45)
24 remove duplicates from 23 (45)
25 limit 24 to review (8)
26 24 not 25 (37)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	376	11
Author Added	92	59
Supporting Docs	10	6
Total		76

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.

19 of the author added references were outside the search date range.