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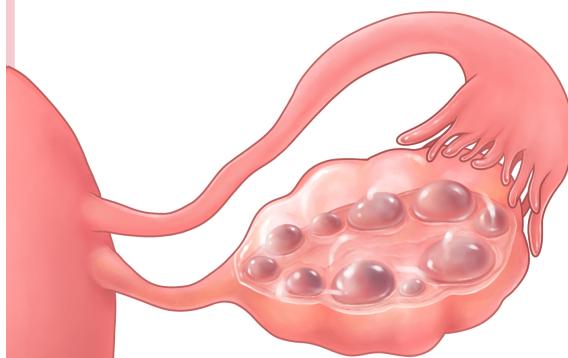


MONTHLY

ORIGINAL ARTICLE

REVIEW ARTICLE

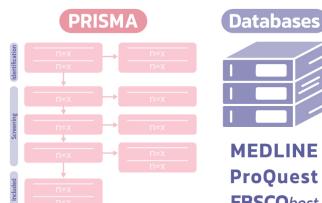
Systematic Review and Meta-Analysis on Role of Adiponectin to Leptin Ratio in Women with Polycystic Ovarian Syndrome



Objective To consolidate the importance of the A:L (adiponectin to leptin) ratio as a potential and promising biomarker for PCOS.

Methods

The method followed the PRISMA 2020 guidelines, and the databases were used to obtain eligible studies published up to February 2023.



PROSPERO
April 2, 2023
CRD42023411754

**ESHRE
ASRM
Rotterdam
Guideline**

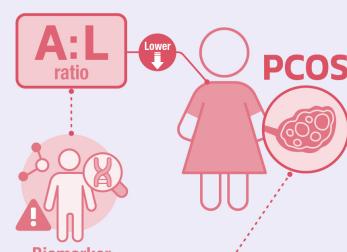


**I² statistic
Cochran's Q test**
Examine
The studies' heterogeneity

The evaluation on publication bias
Egger's test
Rank correlation test

Data analysis was conducted with JASP 0.17.1, and statistical significance was characterized as a p-value below 0.05.

Conclusion



The A:L ratio was notably lower in PCOS patients. Consequently, the A:L ratio holds promise as a novel and potential biomarker for PCOS.

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