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**Effect of Food Fortification and Supplementation on Nutritional Status of Women: An evidence summary**

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**Objectives/aims**

To assess the effect of food fortification and supplementation on nutritional status of women in reproductive age group (15-45 yrs.)

**Methods**

Systematic reviews of all follow up studies conducted on women of reproductive age were included. Effect of food fortified with vitamin A, D, iron, calcium or folic acid compared to supplementation on malnutrition related outcomes associated with poor intake of mentioned micronutrients will be considered. Cochrane Database of Systematic Reviews, PubMed, Web of Science and Scopus have been searched. In addition four websites will be hand searched. Two review authors will independently assess for inclusion of all the potential reviews, data extraction and methodological quality. Important information will be extracted based on customized data extraction sheet.

**Main findings**

The four databases yielded 1441 unique citations. Data will be summarized based on the outcomes, intervention and comparisons. Results will be reported based on the effect of food fortification and supplementation on the outcome measure. Comparisons will be performed E.g. in between food fortified with either vitamin A, D, iron, calcium, folic acid V/S supplementation (supplements containing vitamin A, D, iron, calcium and folic acid). Similarly other comparisons will be made between different groups. Results of different sub-group analysis will also be reported.