

Study of Evaluation of Sensitivity and Specificity of Simple Screening Methods for Assessment of Anaemia in Pregnant Women

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Abstract

Aims: To evaluate the method for screening of Anaemia at primary Health centre (PHC) in respect of sensitivity and specificity of various simple screening test for Anaemia, which should be cheap and simple to operate. **Method:** For this study, 100 ANC cases were examined in ANC clinic at Department of Obstetrics and Gynecology, JNMC (Sawangi, Wardha), Maharashtra and ANC clinic, civil hospital of Wardha. The various methods were studied in Central Clinical laboratory of Biochemistry AVBRH, Sawangi. 100 ANC cases were examined for estimation of Hemoglobin by Cyanmethaemoglobin method, Sahil's Haemoglobinmeter and Specific gravity method. **Results:** Sahli's method has sensitivity of 86.20% at 11gm% and hence Sahli's method can be used in ANC clinic and at primary health centre where all the facilities are made available. Copper sulphate has accuracy of 96.55% at 11gm% and can be used in field. **Conclusion:** Copper sulphate and Sahil's method should be exclusively provided at every primary Health Centre.