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### Agglutination and rosette formation on peripheral smear in *Plasmodium falciparum* positive cases - Predicting the disease severity

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Malaria is a very common vector borne disease seen commonly in tropical areas, India having many positive cases reported every year with lot of co-morbidity and mortality, still in today's world of automation and quality conscious practice. By doing simple peripheral smear examination, being a cost effective and simple screening method to identify the infestation by plasmodium species, especially in case of *Plasmodium Falciparum*, which is a known cause for complications and deaths, one can easily predict disease severity in many cases by seeing agglutination and rosette formation on peripheral smear.

#### Biography

Nishit Kumar Gupta is a practicing Pathologist by profession running his own private pathology diagnostic laboratory, Nishit Clinical Laboratory Pvt. Ltd. He has completed his graduation from Meerut University and Post-graduation from JNMC Belgaum. He has been to NIMHANS, Bangalore for short training in Neuropathology with special inclination for Hematology Disorders specially Hematooncology and Coagulation Disorders and with sub specialization in Dermatopathology. He has learning and research interest in hematology automated counters for interpretation of RPD, histograms and scattergrams. He is continuously associated in various teaching programs for FMG and PG entrance coaching.

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