

Examination of the blood film

A well-stained blood film is the key to a clear, accurate interpretation of the findings under the microscope.

Preparation of the blood film

Contents

ACKNOWLEDGEMENTS	vi
INTRODUCTION	1
SECTION 1 RED CELLS	5
SECTION 2 WHITE CELLS	46
SECTION 3 PLATELETS	88
INDEX	101

Also, my thanks go to Robert Pedon, a Senior Editor from Taylor & Francis Group for his advice whilst compiling the book.

Examination of the blood film

On low power (10x objective)

- * Check the tail for platelet clumping.
- * Check the number and distribution of the white cells.
- * Check for the presence of rouleaux and correlate with the ESR result.

On high power (40x objective)

- * Perform a white cell differential.
- * Estimate and correlate the platelet count with the count issued by the blood cell analyser.
- * Examine the red cells as to their size, shape and colour.

On oil immersion (x100 objective)

- * Examine for the presence of malarial parasites on the thick film.
- * Examine for red cell inclusions when indicated.