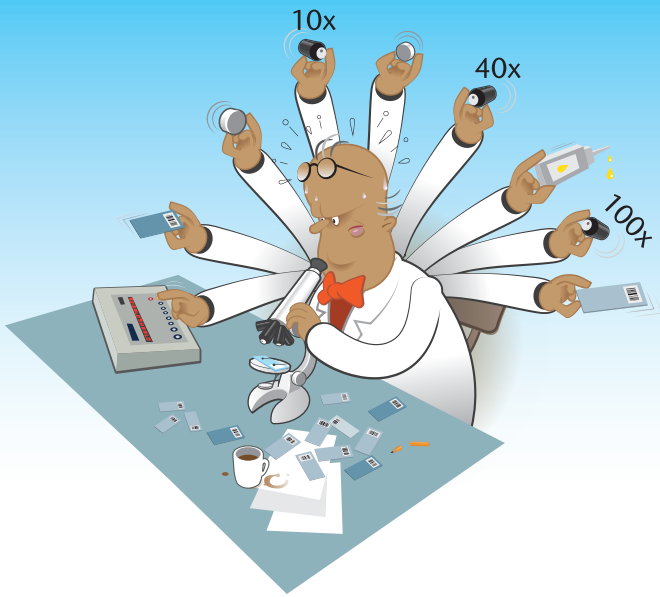


Meanwhile in the world of morphology ...



Effortless.

The 20 steps of **manual** differentials

1. Prepare slide
2. Put the slide on the stage
3. Use the 10x objective
4. Bring image into focus
5. Move slide to thin area
6. Use the 40x objective
7. Focus image
8. Move slide to thinner area
9. Try to find 2 to 3 white blood cells in one microscopic field
10. Turn the nose piece so that it is half way between the 40x and the 100x objectives
11. Put oil on the slide
12. Turn the nose piece so that the 100x objective clicks into place
13. Focus the image
14. Turn up the light if needed
15. Re-identify a good area of the slide
16. Start counting the white blood cells
17. Record the white blood cells with a diff pad
18. Re-focus as needed to make sure you identify the cells
19. Repeat movement from field to field until you have identified 100 blood cells
20. Make sure you follow a strict pattern so that you don't double count any white blood cells

The 4 steps of **automated** differentials

1. Prepare slide
2. Place magazine of slides into analyzer
3. Review and verify the pre-classified white blood cells and the pre-characterized red blood cells presented on the screen
4. There is no Step 4

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Look out for the next issue in mid-April.