

*Pathophysiology: hematology cases*

**Case 1**

A 41-year-old woman who showed up for a medical screening. She has no complaints.

<b>Parameter</b>	<b>Value</b>	<b>Abn</b>	<b>Reference interval</b>
WBC	9.2 G/l		4–10 G/l
Neutrophil	71.4 %	H	40–70 %
Neutrophil (abs)	6.56 G/l		1.8–7.0 G/l
Lymphocyte	20.0 %		20–40 %
Monocyte	6.8 %	H	2–6 %
Eosinophil	1.3 %		0–5 %
Basophil	0.5 %		0–1 %
RBC	4.68 T/l		4.0–5.2 T/l
Hemoglobin	144 g/l		120–150 g/l
HCT	0.42		0.34–0.45
MCV	88.9 fl		80–99 fl
MCH	30.8 pg		27–34 pg
MCHC	346 g/l		315–360 g/l
RDW	12.3 %		11.5–15.0 %
Reticulocyte	1.5 %		0.5–2 %
Reticulocyte (abs)	71.6 G/l		30–100 G/l
PLT	386 G/l		150–400 G/l
MPV	10.0 fl		7.0–12.5 fl