

**SAINT FRANCIS HOSPITAL
LABORATORY UPDATE**

Date: January 21, 2004
To: Medical Staff
From: Virginia Burdine, MD
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Subject: New Male and Female CBC Reference Ranges

Effective Wednesday, January 21, 2004, new adult CBC reference ranges will be as follows:

Female	Old Range	New Range
WBC	4.9 - 10.7	3.5 - 10.4 x 10³/μL
Abs Neut	na	1.4 - 6.9
RBC	3.89 - 5.07	4.02 - 5.28 x 10⁶/μL
HGB	12.0 - 15.1	11.9 - 14.8 g/dl
HCT	36.7 - 44.7	37.1 - 45.8 %
MCV	80.6 - 96.4	79.9 - 98.9 fl
MCHC	31.9 - 34.5	30.8 - 33.7 %
RDW	9.8 - 16.3	10.2 - 13.6 %
PLT	188 - 392	169 - 413 x 10³/μL
MPV	6.0 - 10.2	6.8 - 10.2 fl
Seg %	42.6 - 83.2	44.0 - 73.5 %
Lymph %	7.8 - 45.5	18.0 - 43.0 %
Mono %	3.6 - 11.3	4.2 - 11.3 %
Eos %	0 - 5.5	0 - 5.9 %
Basos %	0 - 1.3	0 - 1.1 %

Male	Old Range	New Range
WBC	4.9 - 10.5	3.9 - 10.1 x 10³/μL
Abs Neut	na	1.4 - 6.5
RBC	3.91 - 5.83	4.30 - 5.94 x 10⁶/μL
HGB	12.7 - 16.6	13.5 - 16.4 g/dl
HCT	36.5 - 49.2	40.5 - 51.0 %
MCV	85.5 - 97.3	82.8 - 97.4 fl
MCHC	32.4 - 34.9	31.2 - 34.2 %
RDW	9.9 - 14.7	10.2 - 14.2 %
PLT	145 - 330	151 - 361 x 10³/μL
MPV	6.6 - 10.5	7.0 - 10.0 fl
Seg %	43.7 - 75.3	38.2 - 76.5 %
Lymph %	11.4 - 44.6	13.2 - 48.7 %
Mono %	3.6 - 12.9	4.5 - 12.5 %
Eos %	0 - 8.9	0 - 5.0 %
Basos %	0 - 0.7	0 - 2.0 %

Please direct any questions to Virginia Burdine, MD, or Keith McMillin, Hematology Supervisor, at 1-6554.