

Date: October 6, 2016

To: South Zone East- Physicians, Nursing, Primary Care Nursing, and Laboratory Staff

From: AHS Laboratory Services- South Zone East

Re: New Complete Blood Count Reference Ranges in South Zone East Laboratories

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Key Messages:

- Effective October 12, 2016 South Zone East Laboratories will implement new reference ranges for the following parameters in a Complete Blood Count.
- **New reference ranges:**

Parameter	Reference Range	
<i>WBC (Adults)</i>	4.0-11.0 x10 ⁹ /L	
<i>RBC (Adults)</i>	<i>Male:</i> 4.3-6.0 x10 ¹² /L <i>Female:</i> 3.8-5.2 x10 ¹² /L	
<i>Basophil (Adults)</i>	0-0.3 x10 ⁹ /L	
<i>Basophil (Pediatric)</i>	<i>0 days:</i> 0-0.4 x10 ⁹ /L <i>1 month:</i> 0-0.3 x10 ⁹ /L	
<i>Eosinophil (Adult)</i>	0-0.3 x10 ⁹ /L	
<i>Eosinophil (Pediatric)</i>	<i>0-6 days</i>	0.2-0.7 x10 ⁹ /L
	<i>7-13 days</i>	0.2-0.8 x10 ⁹ /L
	<i>14 days-2 months</i>	0.2-0.6 x10 ⁹ /L
	<i>3-5 months</i>	0.0-1.1 x10 ⁹ /L
	<i>6 months-2 years</i>	0.0-1.0 x10 ⁹ /L
	<i>3-11 years</i>	0.0-0.7 x10 ⁹ /L
	<i>12-18 years</i>	0.0-0.7 x10 ⁹ /L

Action Required:

- Use the new reference ranges to interpret patient results. Laboratory reports will reflect these changes.

Inquiries and feedback may be directed to:

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This bulletin has been reviewed and approved by:

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