

IMMUNOLOGY

NEUTROPHIL DISORDERS***Nancy Hilda J******Aishwarya Venkataraman**

Abstract: *Neutrophils play an important role in recognition and killing of infectious pathogens. Disorder of neutrophil production, emigration, chemotaxis and function can cause a spectrum of immune defects, which are characterized by recurrent and serious invasive infections. This article is an overview of the common neutrophil disorders.*

Keywords: *Neutrophils, Phagocytes, Neutropenia, Hyper IgE, CGD, Chediak Higashi syndrome.*

Points to Remember

- *Neutrophil disorders are a rare, but important reason of morbidity and mortality in infants and children.*
- *Neutrophil disorders should be considered when a child presents with serious or recurrent infections and in those who are being investigated for immunodeficiency.*
- *Appropriate and prompt investigations can lead to definite diagnoses, and specific management measures can reduce both mortality and morbidity.*

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