

Genetic syndromes associated with ocular anomalies

Title	Genetic syndromes associated with ocular anomalies
Author Order	1 of 1
Accreditation	
Abstract	<p>A syndrome is defined as the concurrence or running together of constant patterns of abnormal signs or symptoms. Syndromes can be either genetic or non-genetic in origins. Genetic diseases consist of genic diseases, chromosomal diseases and embryopathies. Genetic syndromes also consist of genic disease syndromes, chromosomal disease syndromes and embryopathic syndromes. Syndromes of genic diseases are caused by pleiotropic mutation of the genes which give rise to multiple (pleiotropic) effects. Syndromes of chromosomal diseases are caused by chromosomal derangement either by the abnormalities of their structure or their number. There are many genetic syndromes associated with ocular anomalies. Geeraets has collected 436 ocular syndromes either genetic and non-genetic in origins, and 49 of 135 recognizable human malformations collected by Smith are also associated with ocular defects. Some important chromosomal syndromes such as trisomy 21, Patau, Edward, and cri-du-chat syndromes are also associated with ocular anomalies. Key Words: genetic diseases - pleiotropic effects - ocular anomalies - chromosomal syndromes - embryopathies</p>
Publisher Name	Journal of the Medical Sciences (Berkala Ilmu Kedokteran)
Publish Date	2015-11-18
Publish Year	1987
Doi	
Citation	
Source	Journal of the Medical Sciences (Berkala Ilmu Kedokteran)
Source Issue	Vol 19, No 02 (1987)
Source Page	
Url	https://jurnal.ugm.ac.id/bik/article/view/4522/3791
Author	HARTONO, M.Si