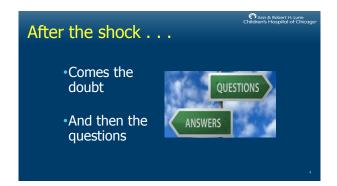


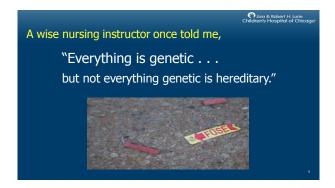
Financial Disclosure	Chilaren's Hospital of Chicagi
Shelly McQuaid and Barbara Lockart do not have any actual or interest to report	potential conflicts of
No off label medication uses will be discussed	

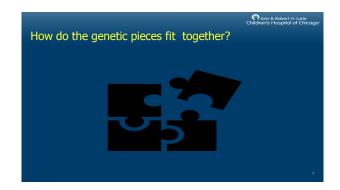
Ann & Robert H. Lurie

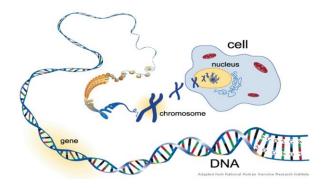
Learning Outcomes The learner will be able to identify benign and malignant conditions suggestive of DICER1 mutations. The learner will demonstrate increased knowledge of patient and family histories concerning for DICER1 mutation, as well as recommendations for genetic counseling and screening and the ethics of genetic testing.

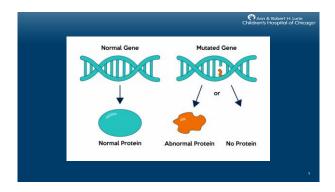


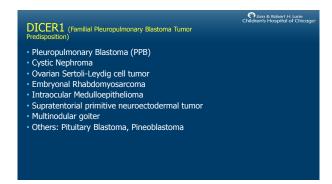


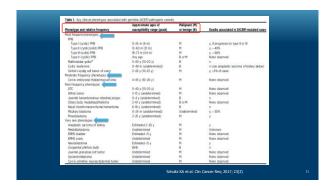






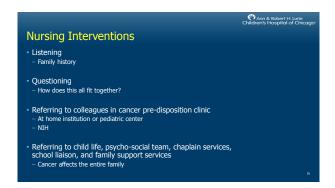


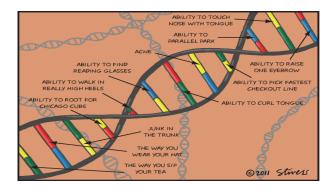






Cancer Genetic Testing in Children	Ann & Robert H. Lurie Children's Hospital of Chicago	
"The decision as to whether to pursue of for hereditary cancer predisposition for be guided by the best interest	linical genetic testing children should always of the child."	
Childhood-onset disease?		
Effective interventions?		
Can genetic test results be adequately in	nterpreted?	
Kesserwan C et al. Am So	c Clin Oncol Educ Book. 2016; 35:251-69 13	
Tecting Denofite	Ann & Robert H. Lurie Children's Hospital of Chicago	
Testing Benefits	Testing Challenges	
management and allow for	• Timing	
second primary cancers	 Understanding and recommendations evolve as science advances 	
 Can identify children at increased risk, allowing for 	Child's age, maturity, and	
education, surveillance and possible behavioral modification	cognitive ability, family culture	
Can also eliminate surveillance needs for	Assent of minor child	
individuals who do not have genetic abnormality	14	
	Ann & Robert H. Lurie Children's Hospital of Chicago	
Long-term issues		
Transitioning patient to adult healthAssisting adolescents and young ad		
establishing autonomy over health Monitoring for late-effects	area man	
Multiple therapies and risk of late-effect treatment	s from cancer	
Genetic counseling as patient mature		
Families struggle with developmentally a information Page dustries beauth.	appropriate	
Reproductive healthMental health		







€) Ann Children's	& Robert H. Lurie Hospital of Chicago	
Resources	-	
 International Pleuropulmonary Blastoma/DICER1 Registry https://www.ppbregistry.org/ 	_	
International Ovarian and Testicular Stromal Tumor Registry	_	
https://www.otstregistry.org/		
National Library of Medicine Genetics Home Reference https://ghr.nlm.mh.gov/condition/dicer1-syndrome	_	
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	& Robert H. Lurie Hospital of Chicago	
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