Watson & Crick Genetic Specialists



Genetic Counselors Report

Genetic Counselor Name(s):	 _	
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Task 1: Research

Genetic Disorder Notes Achondroplasia Overall Information Inheritance Pattern Dominant OR Recessive Symbols Dominant Allele: Recessive Allel	:
Information Inheritance Pattern Dominant OR Recessive Symbols	;
Information Inheritance Pattern Symbols	:
Inheritance Pattern Dominant OR Recessive Symbols	:
Pattern Dominant OR Recessive Symbols	:
Pattern Dominant OR Recessive Symbols	•
Symbols	
Dominant Allele: Recessive Allel	
	le:
Cystic Fibrosis Overall	
Information	
Inheritance	
Pattern Dominant OR Recessive	;
Symbols	
Dominant Allele: Recessive Allel	le:
Huntington's Overall	
Disease Information	
Inheritance	
Pattern Dominant OR Recessive	;
Symbols	
Dominant Allele: Recessive Allel	le:

Polydactyly	Overall	
	Information	
	Inheritance	
	Pattern	Dominant OR Recessive
	1 01000111	TOTAL TRANSPORT
	Symbols	
	- Cymrons	Dominant Allele: Recessive Allele:
		Noodssive / Micio.
Sickle Cell Disease	Overall	
310KIO 0011 12130430	Information	
	IIIIOIIIIADIOII	
	Inheritance	
	Pattern	Dominant OR Recessive
	TADDOM	DOMINAND OK RECESSIVE
	Symbols	
	Symbole	Dominant Allele: Recessive Allele:
		DOMINIAND AND THE RECESSIVE AND E.
Tay-Sachs	Overall	
Disease	Information	
Diecasc	IIIIOIIIIAUOII	
	Inheritance	
	Pattern	Dominant OR Recessive
	I ALLEITI	DOMINANT OK RECESSIVE
	Symbols	
	Symbole	Dominant Allele: Recessive Allele:
		Noossive / Mole.
		Overall Notes:
Vocabulary		Overall News.
1 OCAL GIAI y		
Punnett Squares		
T annous equales		
Probability		
Determination		

Task 2: Genetic Counselor

Case Study # _____

____ = affected

Genetic Disorder Mother Geno		genotype	Fat	ther Genotype
Achondroplasia		, o., o., o., o., o., o., o., o., o., o.	1 44	mer comovype
Cystic Fibrosis				
Huntington's Disea	<u> </u>			
Polydactyly				
Sickle Cell Diseas				
Tay-Sachs Diseas	3e			
Punnett Squares: Achondror	<u>plasia</u> Phenotypic Ratio:		<u>Cystic F</u>	ibrosis Phenotypic Ratio:
	= normal = carrier = affected			= normal = carrier = affected
Huntington's l	<u>Disease</u>		<u>Polydac</u>	tyly
<u>F</u>	Phenotypic Ratio: = normal = carrier			Phenotypic Ratio: = normal = carrier

____ = affected

Phenotypic Ratio:	Phenotypic Ratio:
= normal	= normal
= carrier	= carrier
= affected	= affecteo

Which disorders do the offspring have a chance of having?

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Task 3: Educational Materials

Use the following chart to collect additional information to be included in your educational materials.

Genetic Disorder	Notes		
	Summary of		
	Disorder		
	Symptoms		
	Cause		
	Inheritance		
	Treatments		
	Prognosis		
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Notes		
Summary of		
Disorder		
Symptoms		
Cause		
Inheritance		
Tuo at ma ant c		
realments		
Proanosis		
1 100/10010		
	Disorder	

Additional Space for Additional Notes: