

	<u>PROGERIA</u>	<u>WERNER'S</u> "ADULT PROGERIA"
INHERITANCE	Autosomal DOMINANT	Autosomal RECESSIVE
GENE	LMNA Gene	WRN Gene
PROTEIN	Truncated Lamin A (Progerin)	Loss of Function of DNA Helicase (Werner Protein)
ONSET	<ul style="list-style-type: none"> ❖ EARLIER Onset ❖ Aging symptoms in early CHILDHOOD 	<ul style="list-style-type: none"> ❖ LATER Onset ❖ Aging symptoms in early ADULTHOOD
DIFFERENCES	<ul style="list-style-type: none"> ❖ <u>No</u> Cataracts ❖ <u>No</u> Risk of Cancer ❖ <u>No</u> Diabetes 	<ul style="list-style-type: none"> ❖ Cataracts ❖ ↑Risk of Cancer ❖ Diabetes
CAUSE OF DEATH	<ul style="list-style-type: none"> ❖ Cardiovascular Disease leading to Stroke/MI in Teens ❖ Average → 13 y/o 	<ul style="list-style-type: none"> ❖ Cancer & Cardiovascular Disease ❖ 40-50s
TREATMENTS	<u>F</u> arnesyl <u>T</u> ransferase <u>I</u> nhibitor (FTI)	Vitamin C

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TREATMENTS	<u>Farnesyl</u> <u>Transferase</u> <u>Inhibitor</u> (FTI)	Vitamin C