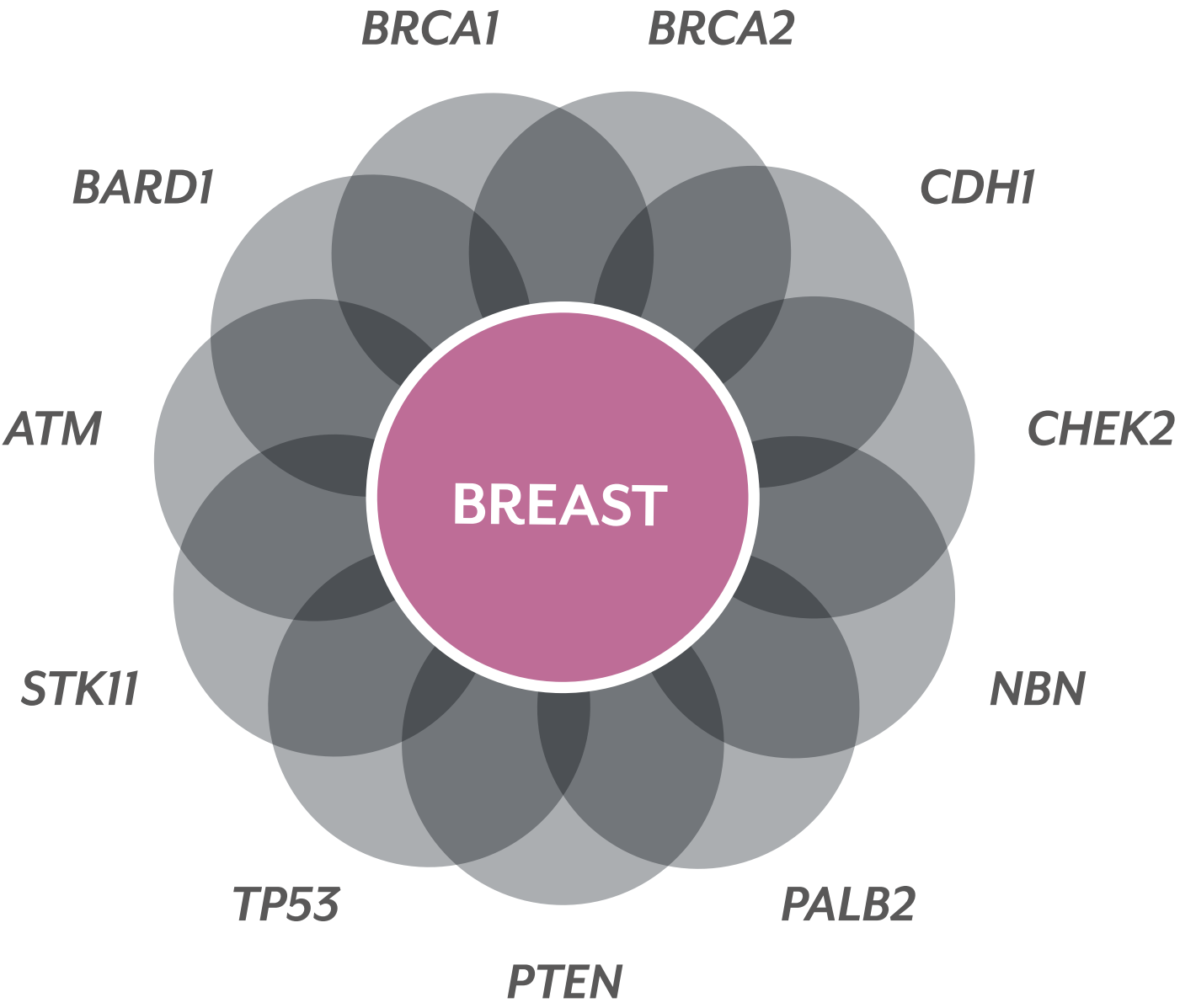
28 Genes Across 8 Important Cancer Types

Syndrome/Genes	Breast	Ovarian	Colorectal	Uterine	Melanoma	Pancreatic	Stomach	Prostate	Other
Hereditary Breast and Ovarian Cancer Syndrome- *BRCA1 / BRCA2*	●	●				●		●	
	●	●			●	●		●	
Lynch Syndrome- *MLH1 / MSH2 / MSH6 PMS2 / EPCAM*		●	●	●		●	●		●
		●	●	●		●	●		●
		●	●	●		●	●		●
		●	●	●		●	●		●
		●	●	●		●	●		●
Familial Adenomatous Polyposis- *APC*			●			●	●		●
MUTYH Biallelic			●						●
MUTYH Monoallelic			●						
CDKN2A (p16INK4a)					●	●			
CDKN2A (p14ARF)					●	●			
CDK4					●	●			
TP53	●	●	●	●	●	●	●	●	●
PTEN	●		●	●	●				●
STK11	●	●	●	●		●	●		●
CDH1	●		●				●		
BMPR1A			●			●	●		●
SMAD4			●			●	●		●
PALB2	●					●			
CHEK2	●		●					●	
ATM	●					●			
NBN	●							●	
BARD1	●								
BRIP1		●							
RAD51C		●							
RAD51D		●							
POLD1			●						
POLE			●						
GREM1			●						

Multiple genes can be associated with a single cancer



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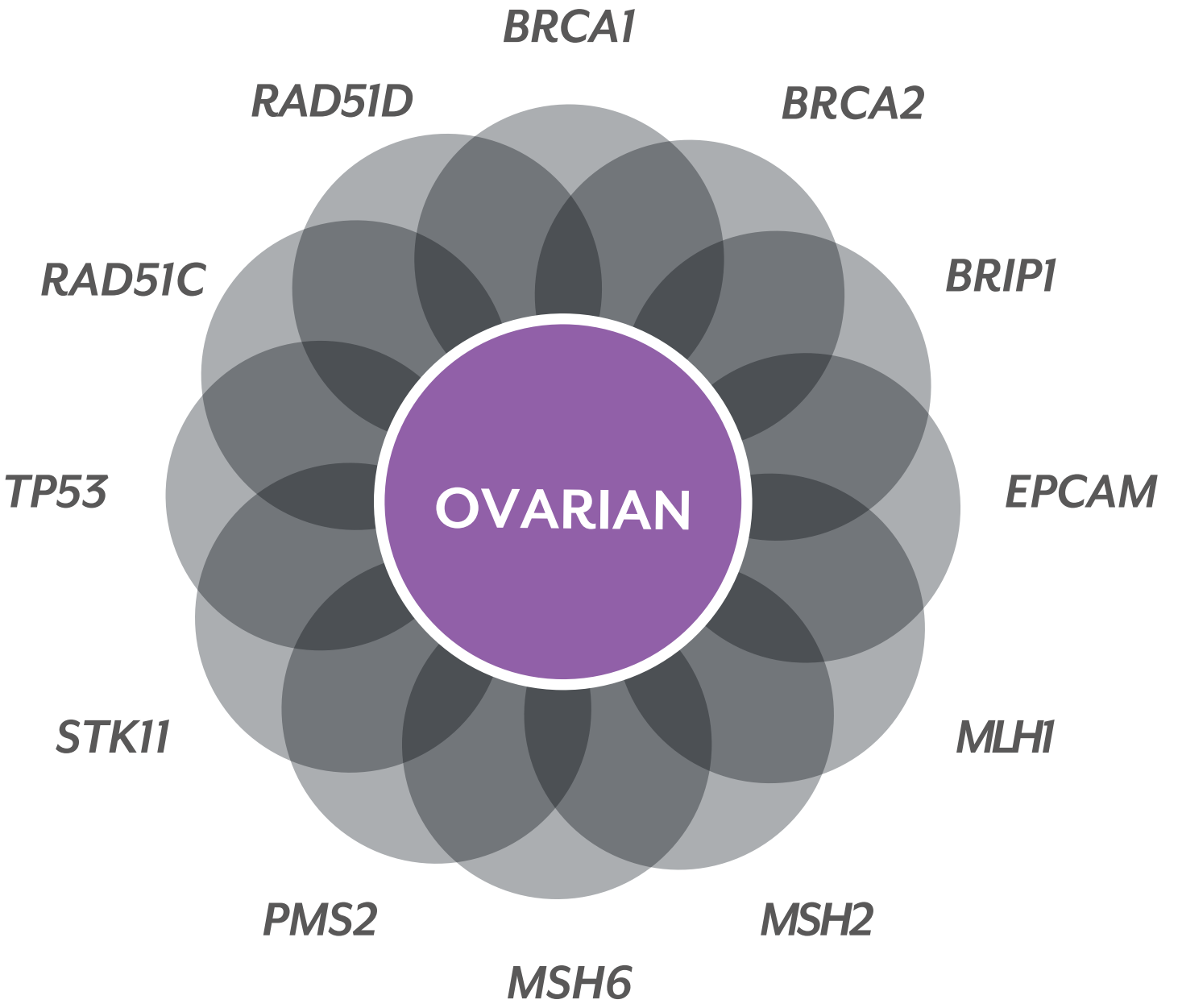

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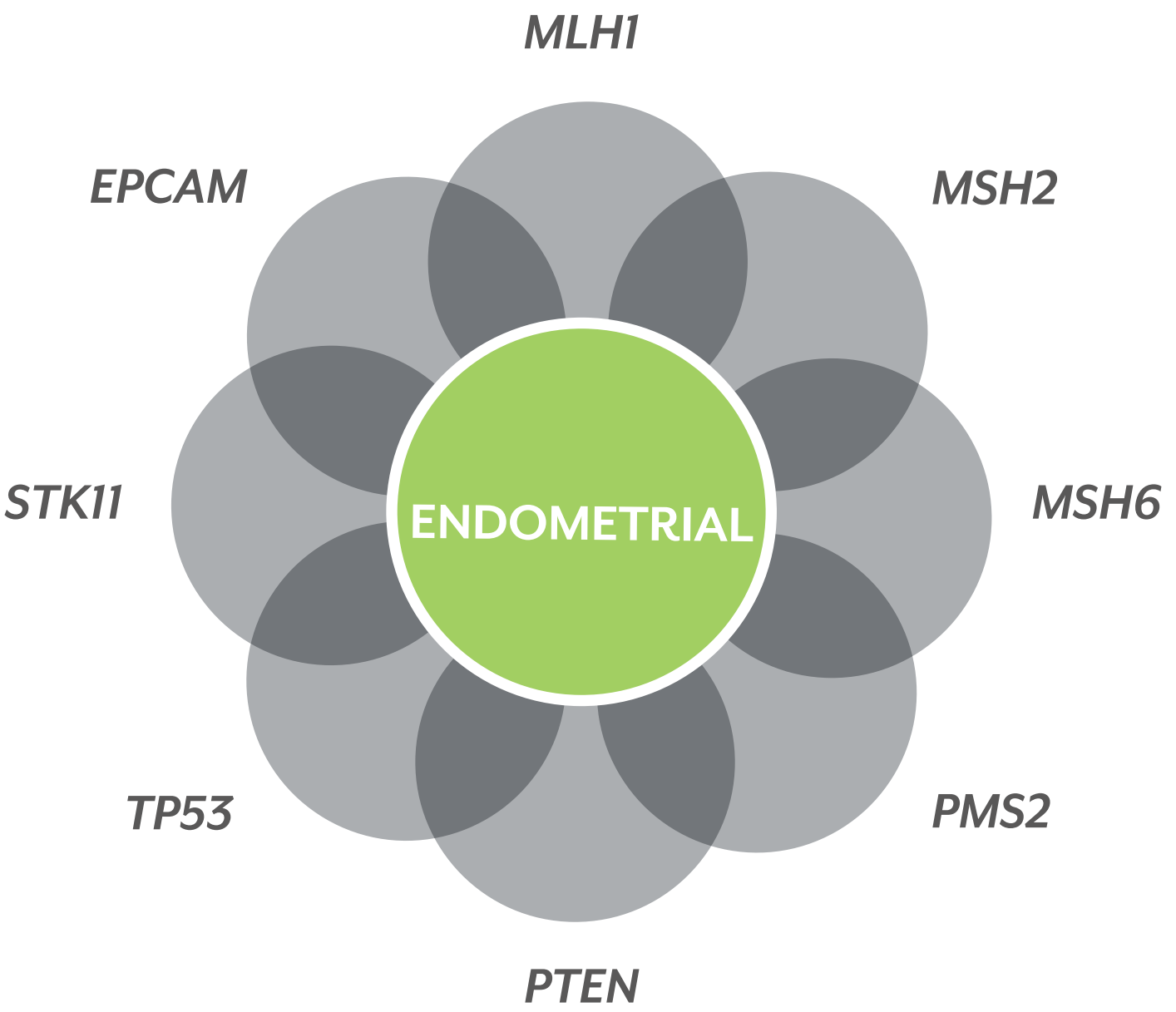

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