Polydioxanone (PDO)			
Crystalline Polymer	Strong yet flexible	Perfect balance between strength and softness	
Synthetic poly(ester-ether) molecular structure	Easily absorbable	Results don't last as long as PCL (18-24m)	
Polycaprolactone (PCL)			
Semi-crystalline	Soft, flexible Polymer	Not as strong as PDO or PLLA	
Single unit molecular structure	Simple sequence	PCL helps create Collagen I and III more than PDO and PLLA	
Hydrophobic polymer	Not easily absorbable	Results last an extended period of time (2-4yr)	
Polycaprolactone (PCL) + Hyaluronic Acid (HA)			
Highly Bioactive	Embedded with 1% HA	Less discomfort & Shorter recovery.	
Viscoelastic by nature	Increased biocompatibility	Increase in skin hydration and volume.	
Poly(L-lactic acid) (PLLA)			
Strong Covalent bonds between its atoms	Stronger than PCL	Not as soft under the skin as PDO or PCL and cannot be used in COG form	
Weak London dispersion forces	Easily absorbable	Results don't last as long as PCL (18-24m)	
Known bio-stimulatory dermal filler	Stimulates Collagen growth	Creates more volume than PDO and PCL	

Commented [GB1]: