SLS CLIPS COMPETITIVE SYNTHESIS STUDY

Brand name Product line	History	Characteristics	Strengths	Weakness
TELEFLEX GROUP(USA). 4 Products lines				
WECK EZ LOAD		 Titanium clip Malleable cartridge Clip maintained at the top of the cartridge by two pins Sticker 	 Easy loading 2 alternatives to stabilise the cartridge: the sticker to or an heavy base. 	 The loading of the clip in the applier is not reliable. The clip has a tendency to stay in the cartridge. Need a specific applier.
WECK First generation HEMOCLIP	The first haemostatic clip on the market (1963) created by Dr Samuel	Chevron shapeStainless steel clipsTantalum clipsTitanium clips	Very well-known trademark (the first).	 Clips easily fall out of the cartridge. Hard loading of the clip in the applier. Loss of clips during transportation from the appliers.
PILLING ATRAUCLIP		Globally, same characteristics as HEMOCLIP		 Not anymore very well promoted. Sales strategy only based on prices

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Brand name Product line	History	Characteristics	Strengths	Weakness
TELEFLEX GROUP(USA). 4 Products lines				
WECK HORIZON	 Company created in 1991. Bought by TELEFLEX GROUP in 1997. 	 Tantalum clips and Titanium clips Easy loading system. Sticker. 	 The first accurate easy loading system The first cartridge with sticker. 	Risk after loading on the applier to lose the clips.

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Brand name Product line	History	Characteristics	Strengths	Weakness
JOHNSON & JOHNSON ETHICON division				
LIGACLIP	Created by CODMAN firm and bought by J&J.	 External striation of the clip. « U » shape clip. Flat wire of the clip. 	J&J brand imageHuge sales force	Tendency of the clip to reopen and slip out of the vessel.