














PROPERTY	MSCs	SCS
POTENCIAL BENEFITS	Tissue regeneration, anti-inflammatory and anti-apoptotic properties. <sup>1</sup> 	Tissue regeneration, anti-inflammatory and anti-apoptotic properties. <sup>1</sup> 
CONCENTRATION AND EFFECT	Several millions, but over 90% of cells are not active. the active cells can have a positive effect. 	Millions to billions; each vesicle, exosome and protein is directly affecting damaged tissue. 
RISK OF CANCER FORMATION	Potentially given. After injection there is no control over cell differentiation in the body. <sup>1</sup> 	Minimal to non-existent; worldwide not a single adverse event observed. <sup>2</sup> 
ADVERSE EVENTS	Potentially possible. Some clinical studies needed to terminate due to adverse events. <sup>3</sup> 	Worldwide not a single adverse event observed. <sup>1</sup> 
REPEATABILITY	Potentially possible, but re-harvest is time-consuming for the patient and higher cell passages may have negative effects. 	Easy and convenient for the patient: 10 Stem Cell Secretome injections are produced after one mini-liposuction. A treatment time of up to 24 months is possible. 
QUALITY CONTROL	Very problematic in most facilities that offer treatments, as they are in third world countries and not heavily regulated. 	Highly regulated process in a German Lab. 