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(54) Title: A METHOD FOR QUANTITATION OF COLLAGEN IN TISSUE

(57) Abstract: For successful wound healing to occur, the newly formed skin must generate tensile strength through collagen deposition. Measurement of collagen in the granulating wound bed may be predictive of successful wound healing. Existing methods for collagen measurement either require specialized equipment, or do not allow for discrimination of potential interfering molecules. Herein described is an accurate, specific and reliable method to extract and quantify collagen from tissue utilizing high pressure liquid chromatography techniques. The method is sensitive enough to measure the small amounts of collagen found in newly healing wounds.



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