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Histomorphologische Unterscheidung oberflächlich und tief zweitgradiger Verbrennungen mit der Konfokalen Laser-Scanning-Mikroskopie

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ABSTRACT

Until now, burn depth determination based both, on a visual and clinical assessment. However, an objective tool for differentiation of burn depth on a histomorphological level is missing so far. Confocal Laser Scanning Microscopy allows evaluation of the human skin in vivo and in real time. For the first time, in vivo Confocal Laser Scanning Microscopy was used as an objective and practicable tool for the differentiation of superficial versus deep second degree burns on a histomorphological level