Record Nr. UNISA996647864403316 Autore Yap Moi Hoon **Titolo** Diabetic Foot Ulcers Grand Challenge: 4th Challenge, DFUC 2024, Held in Conjunction with MICCAI 2024, Marrakesh, Morocco, October 6, 2024, Proceedings / / edited by Moi Hoon Yap, Connah Kendrick, Raphael Brüngel Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2025 Pubbl/distr/stampa **ISBN** 9783031808715 3031808711 Edizione [1st ed. 2025.] Descrizione fisica 1 online resource (190 pages) Lecture Notes in Computer Science, , 1611-3349 ; ; 15335 Collana Altri autori (Persone) KendrickConnah BrüngelRaphael Disciplina 006.37 Soggetti Computer vision Image processing - Digital techniques Signal processing Machine learning Application software Education - Data processing Computer Vision Computer Imaging, Vision, Pattern Recognition and Graphics Signal, Speech and Image Processing Machine Learning Computer and Information Systems Applications Computers and Education Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Translating Clinical Delineation of Diabetic Foot Ulcers into Machine Interpretable Segmentation -- Dinov2 Mask R-CNN: Self-supervised Instance Segmentation of Diabetic Foot Ulcers -- Diabetic foot ulcer unsupervised segmentation with Vision Transformers attention -- Self-Supervised Instance Segmentation of Diabetic Foot Ulcers via Feature

Correspondence Distillation -- Multi-stage Segmentation of Diabetic Foot Ulcers Using Self-Supervised Learning -- SSL-based Encoder Pre-

training for Segmenting a Heterogeneous Chronic Wound Image
Database with Few Annotations -- Multi-Scale Attention Network for
Diabetic Foot Ulcer Segmentation using Self-Supervised Learning -- A
Supervised Segmentation Solution: Diabetic Foot Ulcers Challenge 2024
-- CDe: Focus on the Color Differences in Diabetic Foot Images -Diabetic Foot Ulcer Grand Challenge 2024: Overview and Baseline
Methods.

Sommario/riassunto

This book constitutes the 4th Challenge on Diabetic Foot Ulcers, DFUC2024, held in conjunction with the 27th International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2024, in Marrakesh, Morocco, on October 6, 2024. The 8 full papers presented in this book together with 2 invited papers were carefully reviewed and selected from 11 submissions. The task of DFUC 2024 was on self-supervised learning in ulcer segmentation, for the purpose of supporting research towards more advanced methods to overcome data deficiency and unlabelled data.