

1. Record Nr.	UNINA9911114562103321
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Titolo	Image Analysis in Stroke Diagnosis and Interventions : 5th International Workshop, SWITCH 2025, Held in Conjunction with MICCAI 2025, Daejeon, South Korea, September 23, 2025, Proceedings / / edited by Ruisheng Su, Ezequiel de la Rosa, Linda Vorberg, Jiong Zhang, Adam Hilbert, Leonhard Rist, Theo van Walsum
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2026
ISBN	3-032-07945-4 9783032079459
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (167 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 16098
Altri autori (Persone)	de la RosaEzequiel VorbergLinda ZhangJiong HilbertAdam RistLeonhard WalsumTheo van
Disciplina	006.37
Soggetti	Computer vision Medical informatics Social sciences - Data processing Application software Education - Data processing Artificial intelligence Computer Vision Health Informatics Computer Application in Social and Behavioral Sciences Computer and Information Systems Applications Computers and Education Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Direct vascular territory segmentation on cerebral digital subtraction

angiography -- Towards Diagnostic Quality Flat-Panel Detector CT Imaging Using Diffusion Models -- OccluNet: Spatio-Temporal Deep Learning for Occlusion Detection on DSA -- CLAIRE-DSA: Fluoroscopic Image Classification for Quality Assurance of Computer Vision Pipelines in Acute Ischemic Stroke -- From Thresholds to Teachers: Correcting Unsupervised Learning for Arterial Calcifications in CTA -- Leveraging Last-Known-Well Times for Radiomics-based Stroke Onset Estimation from Non-Contrast CT -- Discriminating Distal Ischemic Stroke from Seizure-Induced Stroke Mimics Using Dynamic Susceptibility Contrast MRI -- Outcome prediction and individualized treatment effect estimation in patients with large vessel occlusion stroke -- Self-Supervised Pretraining and Multi-Label Decoding for Intracranial Hemorrhage Segmentation.

Sommario/riassunto

This book constitutes the refereed proceedings of the 5th International Workshop on Stroke Imaging and Treatment , SWITCH 2025, held in conjunction with MICCAI 2025, in Daejeon, South Korea, on September 23, 2025. The 9 revised full papers presented in this volume were selected from 11 submissions. These papers highlight recent advances in image analysis for the diagnosis and intervention of ischemic and haemorrhagic stroke, with a focus on integrating artificial intelligence and computational techniques to address clinically relevant challenges.
