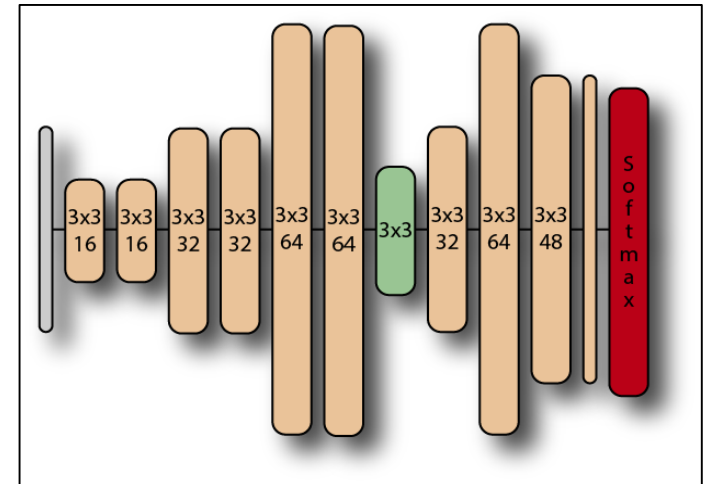
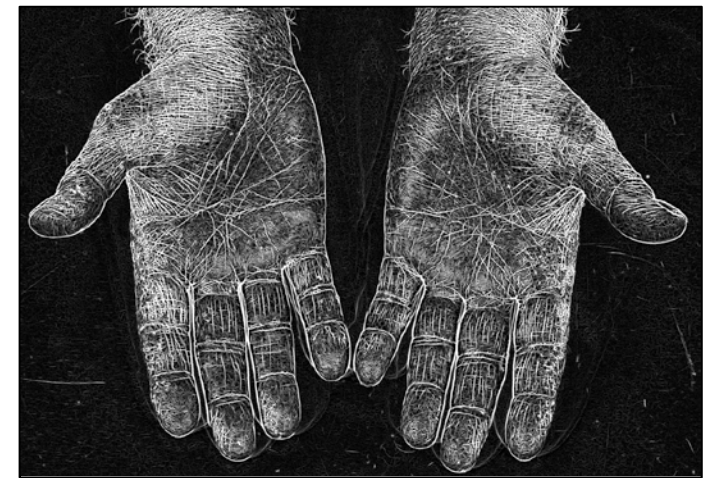
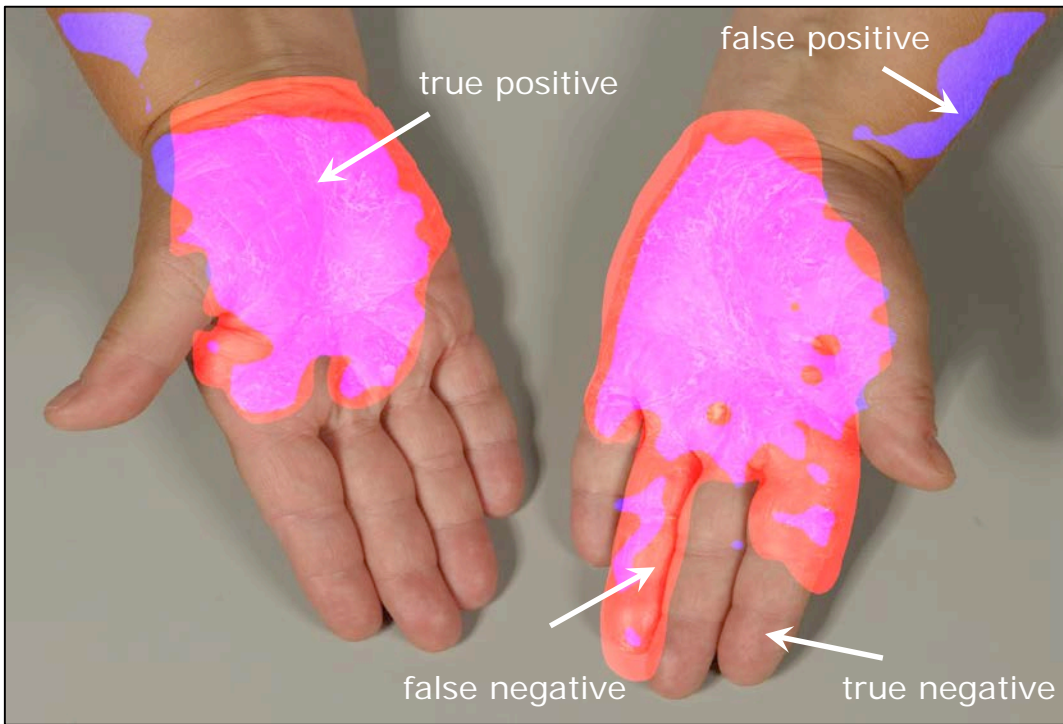


Medtech goes Deep Learning

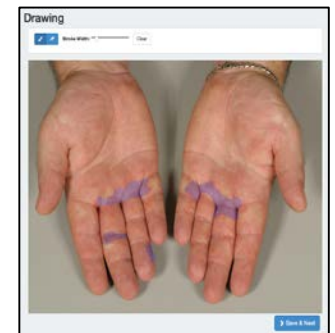
Algorithmic Business Research Team

Prof. Dr. Marc Pouly





Ekzem Früherkennung und Berechnung medizinischer Kennzahlen





Handhygiene am Universitätsspital Zürich



Universitätsspital
Zürich



19.6 %

Originalbild

Schritt 1: Thresholding

Schritt 2: Löcher entfernen
(Erosion & Dilatation)

Schritt 3: Kleine, geschlossene
Flächen entfernen

Schritt 4: Farbschwellwertvergleich
im Y-Cb-Cr-Farbmodell

Therapie Recommender zur Expertenunterstützung

Preferences

Price
Low
High
I don't care





Efficacy
highly efficient
marginally efficient
I don't care

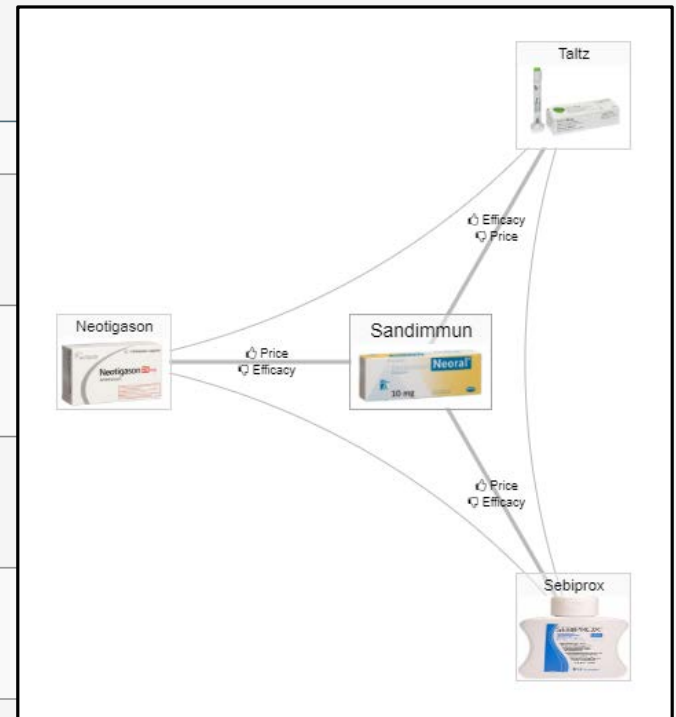
Injection
Yes
No
I don't care

Swallowing
Yes
No
I don't care

Results 4

Sql Execution Time: 31,2051 ms

Id	Image	Brandname	Application Form	Price
10		Sebiprox	Topical	Fr. 1.77
21		Sandimmun	Systemic	Fr. 4.78
22		Neotigason	Systemic	Fr. 2.86
29		Taltz	Systemic	Fr. 53.04



Vielen Dank für Ihre Aufmerksamkeit



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