

A Possible Way for Improvement of Colour Reproduction of Digital Skin Images in Telemedicine

Nikolay Matveev, MD, PhD

Moscow Research Institute for
Pediatrics and Children Surgery

nmatveev@pedklin.ru

Research Institute for Pediatrics and Children Surgery, Moscow



Telemedical Centre



RUSSIA



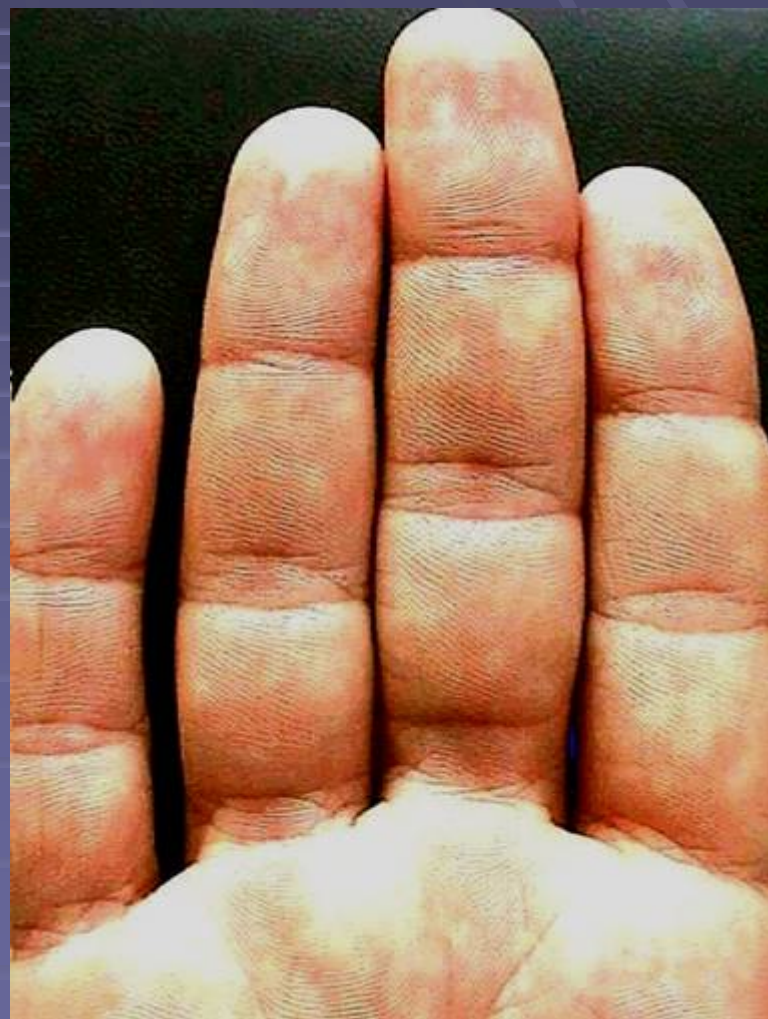
Improper Colour Reproduction

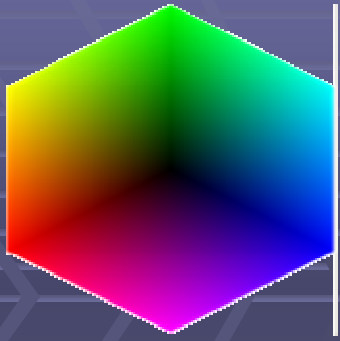


Improper Colour Reproduction



First Experience of Colour Correction (1998)





TransImage

- Selection of presumable skin areas
- Assessment of skin areas colours
- “Restoration” of skin areas colours

Selection of presumable skin areas



DANIL1.JPG - TransImage

Файл Правка Корректировать О программе



640 x 480 pixels - view at 75%

DANIL1a.JPG - TransImage

Файл Правка Корректировать О программе

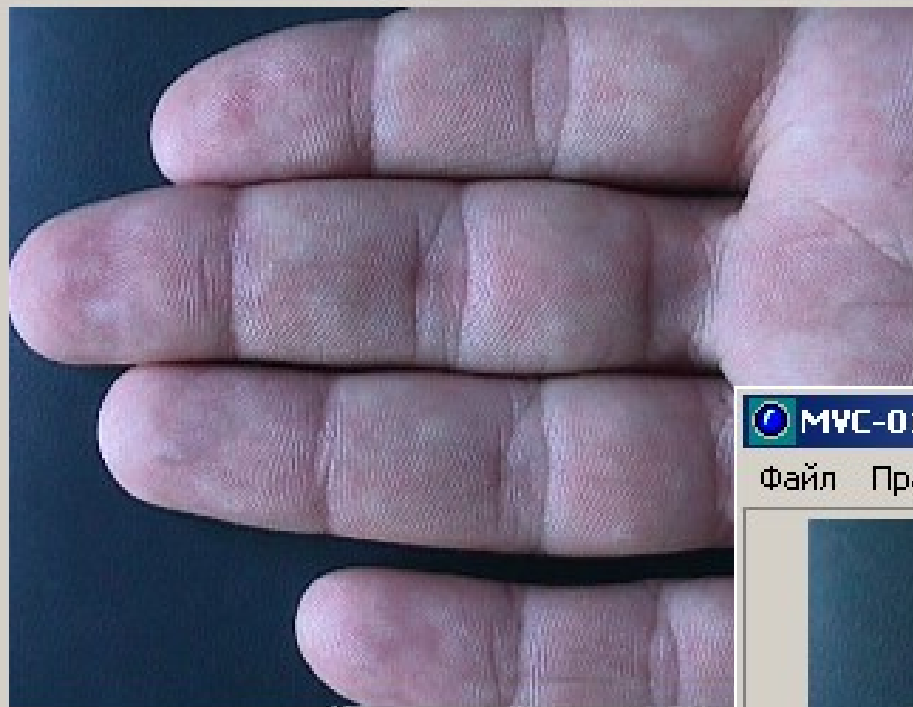


640 x 480 pixels - view at 75%

MVC-015F.JPG - TransImage

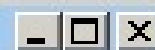


Файл Правка Корректировать О программе



640 x 480 pixels - view at 50%

MVC-015F.JPG - TransImage



Файл Правка Корректировать О программе



640 x 480 pixels - view at 50%



Original



TransImage



Photo Editor

Sequence (non-corrected)



Sequence (corrected)



Diagnostic Accuracy



Implementation in Prison Teledermatology



Nikolay V. Matveev, MD, PhD

Moscow Research Institute for
Pediatrics and Children Surgery

nmatveev@pedklin.ru