

# ILLUMINATION CORRECTION THROUGH CIRCULAR SAMPLING

AK PUJITHA

# Non-uniform Windowing

Original image



miccai illumination



circular sampling 2 iterations

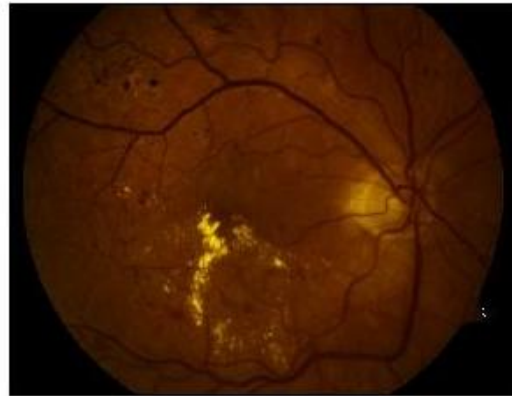


16 sample points

Original image



miccai illumination



circular sampling 3 iterations



36 sample points

# Non-uniform Windowing

Original image



miccai illumination



circular sampling 4 iterations



64 sample points

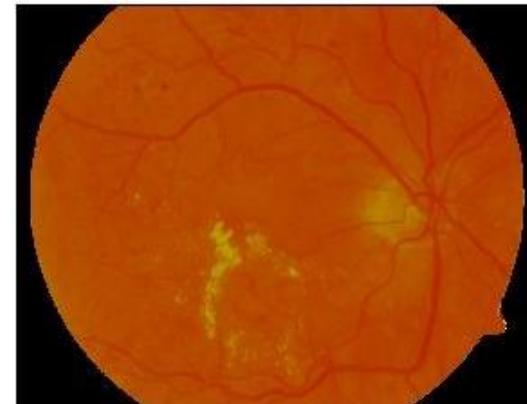
Original image



miccai illumination



circular sampling 5 iterations



100 sample points

# Non-uniform Windowing

Original image



circular sampling 2iterations



circular sampling 3iterations

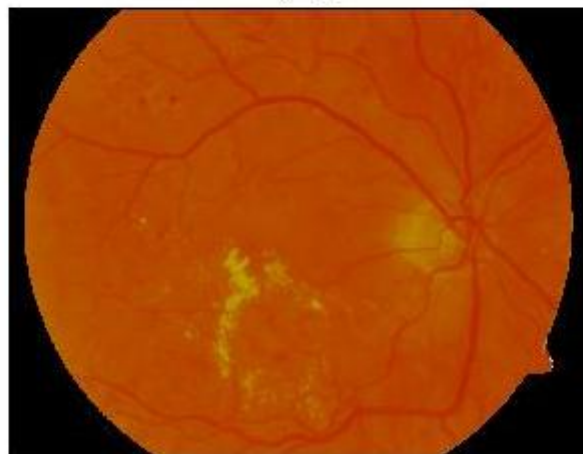


16 samples

circular sampling 4iterations



circular sampling 5iterations



36 samples  
miccaillumination



64 samples

100 samples

4 samples



# Uniform Windowing

Original image



miccai\_illumination



circular sampling 16-sample points



Original image



miccai\_illumination



circular sampling 36-sample points



# Uniform Windowing

Original image



miccai,illumination



circular sampling 64-sample points



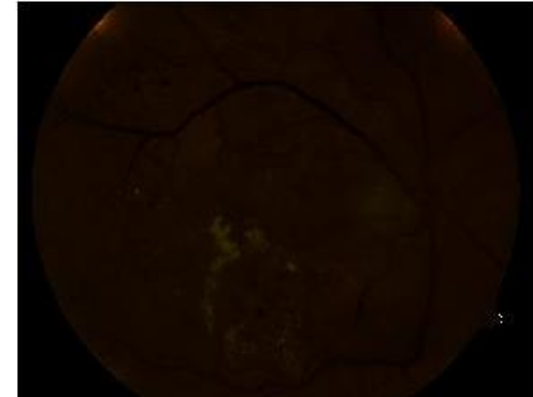
Original image



miccai,illumination



circular sampling 100-sample points



# Uniform Windowing

Original image

circular sampling 16-sample points

circular sampling 36-sample points

circular sampling 64-sample points

Uniform windows

miccaillumination

circular sampling 2iterations

circular sampling 3iterations

circular sampling 4iterations

Non-uniform windows

4 samples

16 samples

36 samples

64 samples

