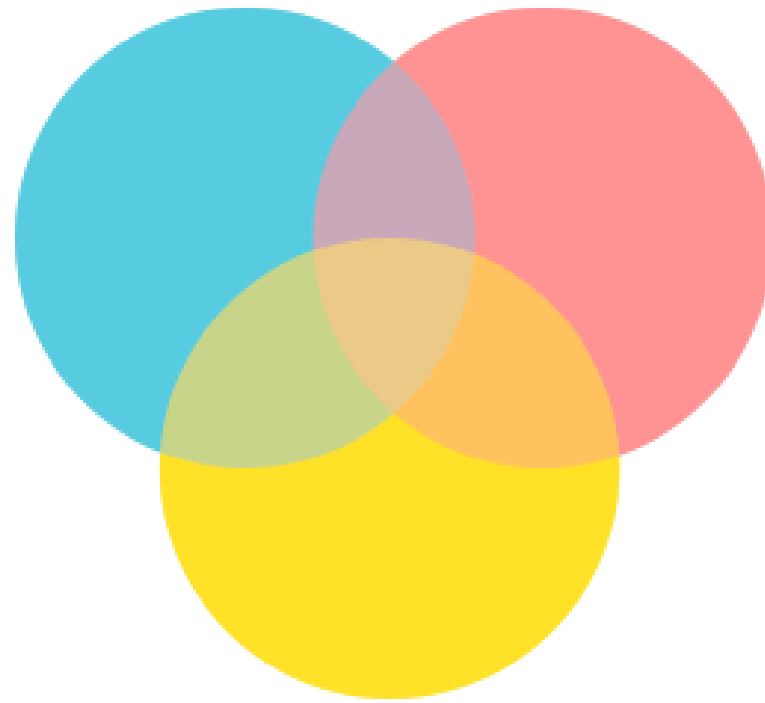


KALPAH PRESENTS



MOSAIC IMAGING

software

seamless stitching

MIS

WHAT IS MIS?

Fundus cameras are capable of capturing only a limited part of a retina in one shot. To examine the entire retina, ophthalmologists are put in a situation where they need to manually connect the 15 or so images of the retina by placing them in a comprehensible way. Mosaic Imaging Software (MIS) takes these several images as input, and produces as output a stitched, blended and sharpened image which gives the complete view of the retina in one shot.

MIS

FEATURES

1

Subtle Blending

The mosaic is blended across all images to ensure uniformity in color and light level, while also ensuring that the essentials of the mosaic are preserved.

2

Vignette Correction

Vignette correction is done to ensure the mosaic shows no traces of edges, and evades the effect of multiple images coming together, by making a smooth transition across images.

3

Auto masking

An optional setting tells the software to automatically remove background regions from the outside of an image.

4

Stitches upto 50 Images

MIS can process upto 50 images at any point in any given project.

5

Variable octaves

MIS gives the users the freedom to define the number of octaves used in the descriptor. Increase in octaves makes the detection of key points proportionally thorough.

6

Filters

Various filters are provided to help enhance mosaics and normal images alike, depending on what the subject of observation is.

MIS

FUTURE ADVANCEMENTS

Progression of
Diseases

Diabetic Retinopathy
Detection

MIS

WHY MIS?

1

BETTER ACCURACY

MIS offers better accuracy than any of its existing competitors, that's our guarantee.

2

BETTER QUALITY

The output from MIS offers the best quality mosaic images as compared to any other commercial mosaic software.

3

FAST & RELIABLE

MIS uses advanced technology to process the output in minimum making it the fastest & most reliable auto photo montage software.

4

No duplicated vessels.

5

No vessel breaks.

6

No misplaced images.

7

No relative blurriness.

MIS

DEMO

