Different techniques of Prosthesis Iris Painting



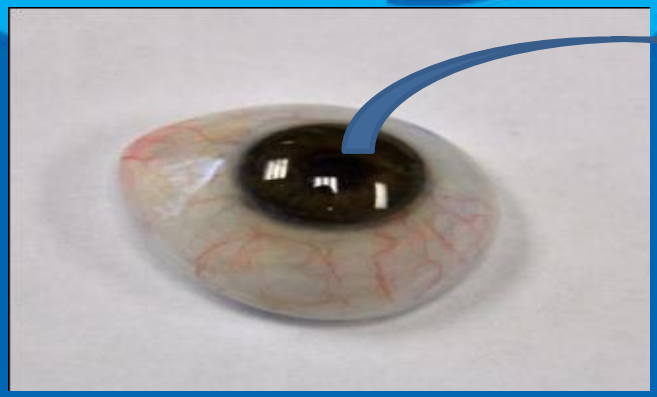
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Introduction:-

Iris is the central portion or in other term we can say heart of Prosthesis.

To match Prosthesis Iris with patient normal eye is a difficult task.
If we follow different ways of iris painting, it becomes easier to match prosthesis iris



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Different types of iris painting

1. Iris disc painting
2. Reverse painting
3. Combined painting
4. Digital Painting
5. Scleral painting

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Iris disc painting

Advantages:-

1. It’s a traditional painting techniques.
2. Easier to paint.
3. Maximum 3-D effect can be given.

Disadvantages:-

1. Has complications sometimes while attaching iris disc with corneal buttons.
2. Difficult to fit in thin prosthesis.
3. Little costly

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Reverse painting

Advantages:-

1. We do reverse painting directly on corneal buttons.
2. Applicable for thin prosthesis
3. Little cheaper compared to iris disc painting technique.

Disadvantages:-

1. Difficult to paint
2. Difficult to give 3- D effect of iris Crypts

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Combined painting

Advantages:-

1. Best way of Iris painting technique

2. Maximum of 3-D effect can be given

Disadvantages:-

1. Needs exert hand
2. Little costly compared to other techniques
3. Few complications can occur during attaching iris disc and painting
4. Not applicable for thin prosthesis

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Digital painting

Advantages:-

1. It’s new technology technique

2. Directly digital photograph or iris can be attached

3. Applicable for difficult light Iris

Disadvantages:-

1. Expensive
2. Expert hand needed

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Scleral painting

Advantages:-

1. Mostly done for very thin prosthesis
2. Easy to paint
3. Cheaper compared to other techniques

Disadvantages:-

1. Difficult to give 3-D Effect of iris crypts
2. Needs little more time to dry colour

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