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Pupil Size Guidelines for Quality Images

Pupil Size for Image Capture

The patient's eye should be as least 3mm to capture a readable image.

TIP: Sit the patient in a darkened room for five minutes; this allows the pupils to open and allow in enough light.









Categories that affect pupil size and natural dilation:

- Age: Is your patient over 65? Older patients typically have smaller pupils.
- Prior cataract surgery may cause pupils to respond poorly to light.
- Patients with blue irises may dilate more poorly.
- Medications such as: opioid medications (fentanyl, morphine, oxycodone, methadone, heroin, codeine); glaucoma medications (Pilocarpine, uncommon use); hypertensive medications (clonidine or hydralazine); and psychiatric medications (risperdal, haldol, remeron, or seroquel).





QUALITY ASSURANCE SCORE

Provides immediate feedback ensuring that the image is of sufficient quality for clinical analysis. Image quality is provided through a colored indication & scored on a scale from 0 to 100.



40-100

Good image and can be interpreted 99.5% of the time



20-39

Most likely a readable image



0-20

Poor image and requires re-capturing

For more information, please contact your local distributor or Hillrom sales representative.

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