The MarkeTech Group surveyed over 200 radiologists in Europe and North America to gather their thoughts on the challenges in radiology and ways to improve the clinical practice. The results reveal some remarkable insights into the typical workday of a radiologist.

**Key findings**

- **91%** believe image quality is the most important display aspect that impacts reading performance.
- **77%** believe efficient workflow is very important.
- **70%** of respondents say that display ergonomics are very important.

**4 facts about image quality**

- **80%** of radiologists believe that higher spatial resolution will improve the reading experience.
- **80%** think that image uniformity is very important.
- **68%** believe that enhanced contrast is very important.
- **53%** believe that higher brightness and a wider viewing angle will change reading performance.

**How's radiologist productivity?**

- **74%** think the growing complexity of studies is a challenge.
- **53%** think the physical discomfort of radionists is a challenge.

**The more, the merrier?**

- **60%** use a 40” or larger display.
- **63%** real-time digital mammography in the clinic.
- **84%** use 3 displays or more, which increases head and neck movements.

**Are radiologists reading comfortably?**

- **87%** of radiologists experience physical discomfort when reading images.
- **83%** of radiologists are eye-strain victims.
- **81%** of radiologists suffer from neck strain.
- **72%** of radiologists struggle with back pain.

**Wish list**

- **92%** want faster image loading.
- **92%** want faster image manipulation.
- **78%** want a larger screen resolution.
- **66%** want color and grayscale on one screen.

**CHALLENGES IN GENERAL?**

- **43%** think the perception of subtle cancers is a challenge.
- **37%** think the detection of early phase cancers is a challenge.
- **29%** think digital mammography is a challenge.
- **26%** think the growing complexity of image studies is a challenge.
- **23%** think image uniformity is a challenge.
- **20%** think higher brightness and a wider viewing angle is a challenge.

**CHALLENGES IN BREAST IMAGING?**

- **53%** of breast imaging specialists read more than digital mammography, such as breast MRI and breast ultrasound.

**WHAT MAKES A GOOD READ?**

**Challenges and opportunities in radiology today.**

- **87%** of radiologists think increasing image volumes will affect productivity.
- **92%** want faster image loading.
- **92%** want faster image manipulation.
- **78%** want a larger screen resolution.
- **66%** want color and grayscale on one screen.