How One Radiologist Tripled Daily Reads and Improved Early Detection with InteleScreen™

Breast imaging radiologist, Dr. Chirag Parghi, tripled his daily reading volume from 50 to 150 studies per day after adopting InteleScreen. The platform unified fragmented mammography systems into a single workstation, integrated AI to support earlier cancer detection, and enabled remote collaborative reading without extending work hours.

✓ Key Outcomes

- **Tripled reading volume** from 50 to 150 studies without extending work hours.
- **Reduced burnout** through a focused, consistent reading environment.
- **Consolidated multiple mammography systems** into a single workstation that reduced context switching, minimized distractions, and improved reading efficiency.
- **Improved diagnostic accuracy with AI tools** that surfaced subtle findings earlier and improved diagnostic confidence.
- **Enabled secure remote reading** across regions, which helped address workforce shortages and reduced radiologist burnout.
- **Enhanced collaboration** through HIPAA-secure, in-context messaging.
- **Accelerated detection**, reduced turnaround times, and faster patient access to accurate diagnoses.

✓ The Challenge

Before InteleScreen, radiologist Dr. Parghi faced the same challenges as many of his peers: fragmented systems that chipped away at both focus and efficiency. Every study required switching between different platforms and monitors which disrupted concentration, slowed interpretation, and increased cognitive load.

✓ The Solution

Redesigning the Workflow to Improve Focus and Output

InteleScreen redesigned the workflow around sustained focus and clinical consistency.

By unifying systems into a single workstation, Dr. Parghi not only tripled his daily caseload from **50 to 150 studies**; he was able to strip out inefficiencies, improve collaboration across teams, and integrate AI insights directly into his workflow.

One unified workstation. **From 50 to 150 studies a day. Seamless AI integration and stronger collaboration.**

Instead of moving between monitors and platforms, Dr. Parghi was able to read each case in one continuous flow. This reduction in context switching restored the sustained concentration that high-volume, high-accuracy mammography requires.

"Pulling out unnecessary processes was twice as powerful as adding new technology, and Intelerad gave us the ability to do both."
— Dr. Chirag Parghi, Radiologist

The result was not only faster interpretation, but also sharper perception helping to catch findings that historically slipped through the cracks.

✅ Seeing More with AI

InteleScreen's AI breast cancer detection tool completely changed the way Dr. Parghi analyzed imaging studies. The system automatically highlights regions of concern and assigns an AI score that surfaces subtle patterns invisible to the human eye.

Instead of viewing AI as a shortcut, Dr. Parghi used it as a lens for deeper analysis. This collaboration between human expertise and machine precision has reshaped how he interprets images.

This shift has been translated into hundreds of earlier detections:
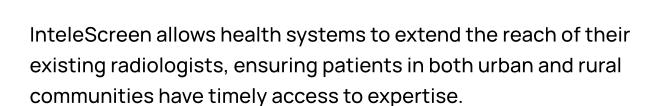
- **For patients:** those detections are decades of life gained.
- **For radiologists:** AI functions as an adjunct that helps them see differently, think differently, and ultimately improve their ability to make life-saving diagnoses.

✅ Expanding Coverage Through Remote Reading

With secure cloud access, InteleScreen allowed Dr. Parghi and his team to interpret studies from any location while maintaining the same speed and image quality as on-site reading.

> 💡 As Dr. Parghi stated **"Geography is not a constraint anymore. You can cover the northeast while sitting in the south. In a time of healthcare labor shortages, that's a massive benefit."**

InteleScreen allows health systems to extend the reach of their existing radiologists, ensuring patients in both urban and rural communities have timely access to expertise.

✅ Connecting Radiology Teams

With InteleScreen, Dr. Parghi easily exchanged instant updates with technologists or colleagues through InteleScreen's embedded HIPAA-secure, in-context messaging found directly within each study.

By embedding communication into the workflow itself, InteleScreen allows distributed teams to more easily collaborate and function almost as if they're in the same room.

✅ Operational Impact

Before InteleScreen, Dr. Parghi faced:

- Multiple systems and monitors that required frequent switching
- Frequent concentration disruptions
- Reading volume that was limited to about 50 cases daily
- Collaboration and communication that was manual and inconsistent

After InteleScreen, Dr. Parghi experienced:

- One unified reading environment which supported continuous focus
- Sustained reading workflow
- Reading volume scaled to approximately 150 studies

✅ Results

InteleScreen has redefined the way Dr. Parghi and his team practice breast imaging.

Workflows became leaner and more consolidated; caseload capacity tripled without increased burnout, collaboration strengthened, and AI sharpened the eye of the radiologist.

These improvements translated directly into better outcomes for patients. Faster access to reads allowed for shorter wait times and quicker diagnoses. And with AI surfacing early indicators of disease, cancers that once went unnoticed were caught when they were most treatable.

✅ Why It Matters

Earlier detection directly improves outcomes in breast cancer care. By simplifying workflows and enhancing clinical focus, InteleScreen supports radiologists in delivering more accurate diagnoses, sooner.

While experiencing a **200% increase in daily reads** is significant, the true impact of InteleScreen is clinical. Patients now receive earlier diagnoses, better prognoses, and more years of life.

> 💡 **200% more daily reads**. Earlier detection. Better outcomes. **InteleScreen** helps radiologists deliver faster, more accurate breast cancer diagnoses.