

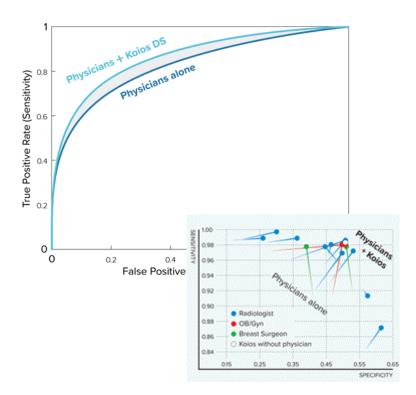
Scientific, Clinical & Regulatory Challenges for Radiological Al Software

Risk vs. Benefit

R. Chad McClennan, MBA President & CEO

What we do: DS (decision support) for ultrasound





Challenges & Risks

SCIENTIFIC

- Privacy
- Quality image + meta data
- Generalizable models
- Complex deployment

risks

- Accuracy
- **⋉** Errors

Challenges & Risks

SCIENTIFIC

- Privacy
- Quality image + meta data
- Generalizable models
- Complex deployment

CLINICAL

- Workflow integration
- Physician trust
- Compelling value proposition
- Liability
- Reimbursement
- Diagnostic performance

<u>risks</u>

- ☑ Patient Harm
- Physician Adoption
- Business Continuity

Challenges & Risks

SCIENTIFIC

- Privacy
- Quality image + meta data
- Generalizable models
- Complex deployment

CLINICAL

- Workflow integration
- Physician trust
- Compelling value proposition
- Liability
- Reimbursement
- Diagnostic performance

REGULATORY

- Documentation/QMS
- Continuous Algorithmic
 Improvement

<u>risks</u>

- Non-Conformance
- Penalties

MASSIVE Need & Benefits



Every day in the US, physicians order over
4,000 breast tissue biopsies,
of which 80% are benign — false positives.
Still, over 350 cancers are missed daily . . .

130,00 false negatives
each year.

THANK YOU!



Save Time, Save Lives

Be Koios Confident