



# AGM Investor Presentation

31 May 2024

Imagion Biosystems Limited

[ImagionBiosystems.com](https://www.ImagionBiosystems.com)

ASX:IBX

*Changing the way we look at cancer*



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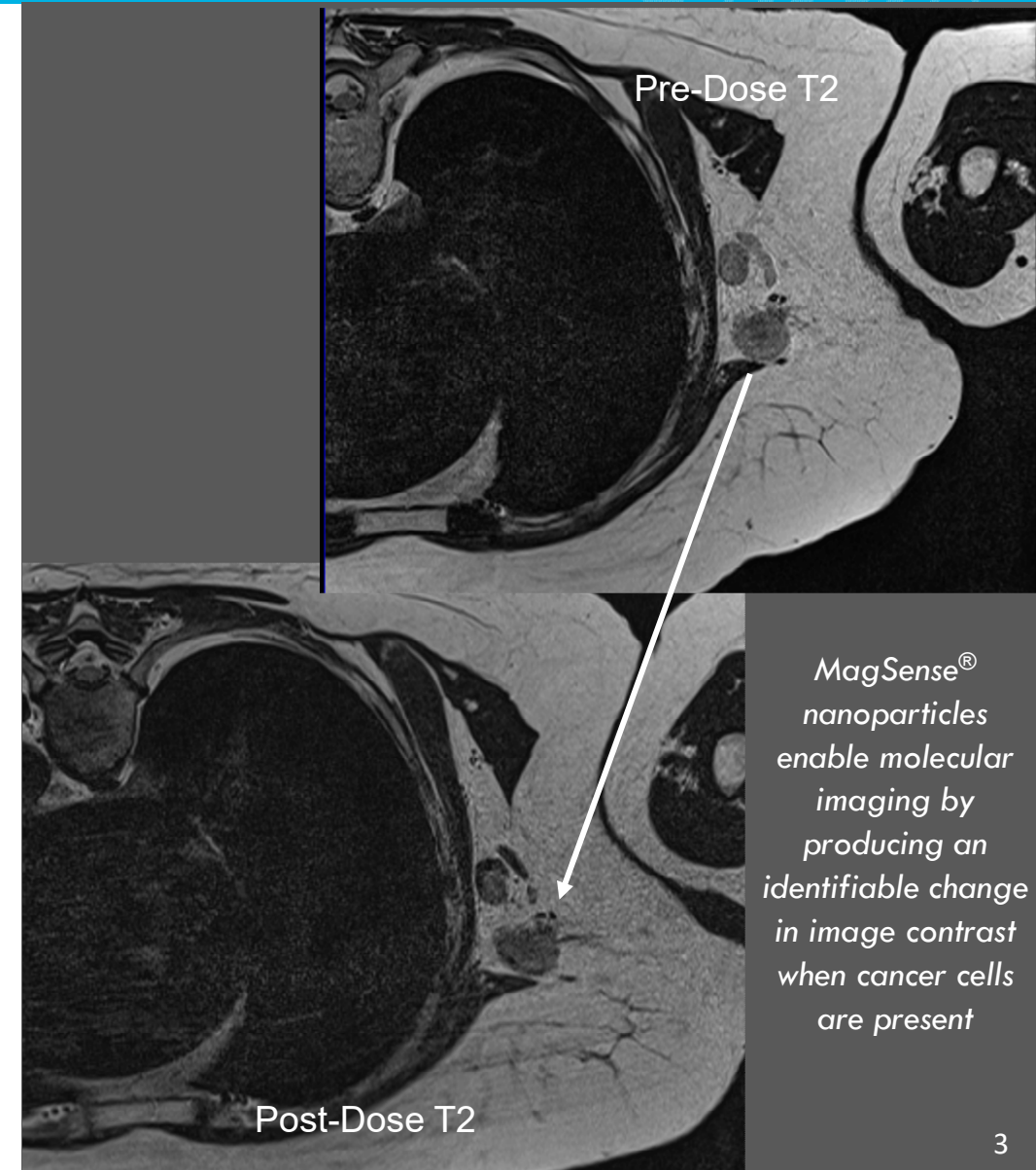
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# MagSense® Imaging with MRI

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## Changing the way we look at cancer

- ✓ A **Phase I study has been completed** and the data indicate our molecularly targeted nanoparticles could be effective in detecting nodal disease in HER2 breast cancer patients when used in conjunction with conventional MRI scanners
- ✓ MagSense® imaging agents **work within current standard of care diagnosis and staging protocols with MRI systems** widely available in hospitals around the globe
- ✓ The MagSense® HER2 imaging agent is **ready to advance to Phase 2** of clinical investigation pending Investigational New Drug (IND) approval from the FDA.
- ✓ Two additional MagSense® targeted imaging agents, one for **prostate cancer** and one for **ovarian cancer**, are ready for IND enabling studies.



## Leaner and Restructured

- Outsource rather than build infrastructure; use consultants and contractors.
- Pay-as-you-go matching spending to funding.
- Emphasis on performance-based compensation.

## Value in our IP

- MagSense® is a first-of-its-kind technology to enable molecular MRI.
- The “platform” has been demonstrated with imaging agents for three different types of cancer.
- Our Phase 1 data combined with an IND approval by the FDA will be seen as a significantly de-risking and attractive to partners.



# The value in molecular MRI

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## MagSense® Technology Platform

- HER2 breast cancer nodal detection is a US\$200M market with standard of care limited to detecting “suspicious nodes”.
- Prostate cancer detection is a US\$2B market with millions of biopsies performed because imaging is not the standard for diagnosis.
- Ovarian cancer remains the “silent killer” because TVUS is not sensitive enough for early detection.

## Strategic Partnerships

- Big pharma and medical device companies routinely use M&A to build their portfolio.

**Hologic bought Endomagnetics iron oxide tracer agent for \$300M**

- Advancing through clinical investigations de-risks the technology and increases the transactional value of the technology.



[www.imagionbiosystems.com](http://www.imagionbiosystems.com)

[info@imagionbio.com](mailto:info@imagionbio.com)

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