



RADIOPHARM THERANOSTICS

NASDAQ: RADX / ASX: RAD

Annual General Meeting

NOVEMBER 20 , 2025



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Investments Highlights



Clinical Stage Company Advancing First-in-Class Radiopharmaceuticals

- Five priority molecules; 4 Therapeutics (PD-L1; HER2; B7H3; KLK3) and 1 Diagnostics (Brain Mets)



Secure Supply Chain

- Redundant and secure radioisotopes supply chains (Lu177 & Tb161)



Strategic Partnerships

- Co-development agreement with



Lantheus
Holdings

and Joint Venture with

THE UNIVERSITY OF TEXAS
MDAnderson
~~Cancer~~ Center
Making Cancer History®








Experienced management team



Financials

- Cash runway to Q1 2027

Company Priorities – Five *first-in-class* radiopharmaceutical molecules

	PROGRAM	TARGET & MOLECULE	INDICATION	ISOTOPE	PRECLINICAL	PHASE I	PHASE IIA	PHASE IIB	November updates in yellow
IMAGING TRIAL	RAD101	Short Chain Fatty Acid (small molecule)	Brain Mets	F18					Phase 2b in 5 US centers, NCT06777433 15 patients dosed / 30 patients total (11/'25) Expect to complete enrollment 1Q26
THERAPEUTIC TRIALS	RAD204	PD-L1 (nanobody)	PD-L1+ solid tumors	Lu177					Phase 1 in 4 AUS centers, NCT06305962 DL1 at 30mCi & DL2 at 60mCi completed DL3 at 90mCi recruiting Expect trial completion in 2026
	RAD202	HER2 (nanobody)	HER2+ solid tumors	Lu177					Phase 1 in 5 AUS centers NCT06824155 DL 1 at 30mCi completed DL 2 at 75mCi recruiting Expect trial completion in 2026
	RV01	B7-H3 (mAb)	B7-H3+ solid tumors	Lu177					IND approval 07/2025 NCT07189871 Phase I in 4 US centers, FPFV expected Q4 2025 First two Dose Levels data in mid-2026
	RAD402	KLK3 (mAb)	Advanced prostate cancer	Tb161					Ethics approval received (11/2025) Phase 1 study in 4 AUS centers First two Dose Levels data in mid-2026

RAD 101 Imaging: Clinical Development

- Phase IIb imaging study currently recruiting in five centers in USA: 50% enrolment achieved
- No competitor identified; RAD 101 is the only PET agent in clinical development for Brain Mets
- Large Total addressable market: 300,000 new subjects diagnosed every year (US only)

PRECLINICAL	PHASE I	PHASE IIa	PHASE IIb	PHASE III
	UK	UK	USA	
	24 pts	22 pts	30 pts	150 pts

Clinical Data from Phase IIb

- Images from n=3 subjects in the ongoing study released
- Showing increased metabolic activity in areas with equivocal MRI findings (suspected relapse)
- N=15 subjects dosed as of 11/17/2025

Next Steps

Phase IIb

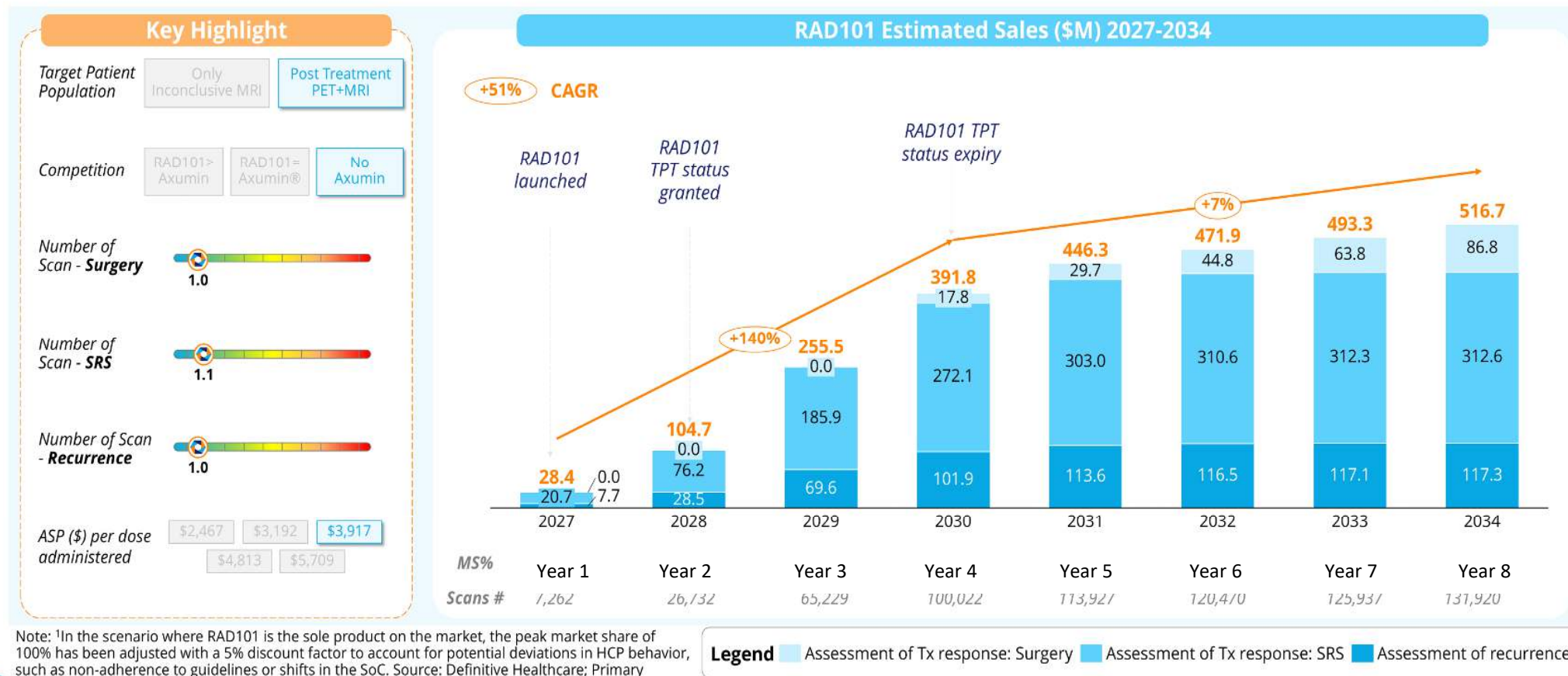
- 11 patient data to be released by Q1 2026
- Trial completion N=30/30 pts by Q1 2026
- Phase 2b readout in the first half of 2026

Phase III

- FDA Meeting to align on Phase III - mid 2026
- Phase III start – Q4 2026

RAD101 COMMERCIAL POTENTIAL: USD\$ >500m yearly sales (USA only)

Third largest imaging molecule after Pilarify (Lantheus) & Illucix (Telix)





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Molecule: **^{177}Lu -RAD204**

Targeting MoA: **PD-L1**

Therapeutic for: **PD-L1+ TUMORS**

Phase 1 Trial Design

^{177}Lu -anti-PD-L1 single domain AB in metastatic solid tumors

Primary Objectives

- Safety and tolerability of ^{177}Lu -RAD204
- Recommended ph2 dose of ^{177}Lu -RAD204_{tr}

Study Design

BOIN for escalation / de-escalation.

Population: History of PD-L1 positive ($\geq 1\%$) metastatic tumors

Imaging Phase 0

Biodistribution, dosimetry and PK with low dose ^{177}Lu -RAD204_{im} in organs of interest and tumor

Therapeutic Phase 1

^{177}Lu -RAD204_{tr} dose escalation

	Dose Level	Dose
Phase 0 (Imaging Period with ^{177}Lu -RAD204 _{im}) Phase I (Treatment Period with ^{177}Lu -RAD204 _{tr})	Imaging dose	10 (0.37 GBq)
	Therapeutic DL1	30 mCi (1.1. GBq)
	DL2	60 mCi (2.2 GBq)
	DL3	90 mCi (3.3 GBq)
	DL4	

PROGRAM	TARGET & MOLECULE	INDICATION	Dx/Tx	ISOTOPE	1ST HALF 2024	2ND HALF 2024	1ST HALF 2025	2ND HALF 2025	MID 2026
RAD 204 NCT06305962	PD-L1 (Nanobody)	PD-L1+ Solid Tumors	Therapy	Lu177	Ethics Approval Received <input checked="" type="checkbox"/>	<ul style="list-style-type: none"> First Patient Treated Approval for Trial Expansion in 6 Tumor Types <input checked="" type="checkbox"/>	1 Cohort Completed <input checked="" type="checkbox"/>	2 Cohorts Completed first 6 pts data released <input checked="" type="checkbox"/>	Phase 1 dose escalation completed <input type="checkbox"/>

Clinical data Phase I

- First (30mCi) and Second Cohort (60mCi) completed, and 6 patient data released.
- Tumor uptake confirmed in all the treated subjects. No tumor reduction above 30% achieved at the first two dose levels
- The safety profile has been very favorable, with few adverse events and no related SAEs observed.
- Currently recruiting Third Cohort (90mCi).

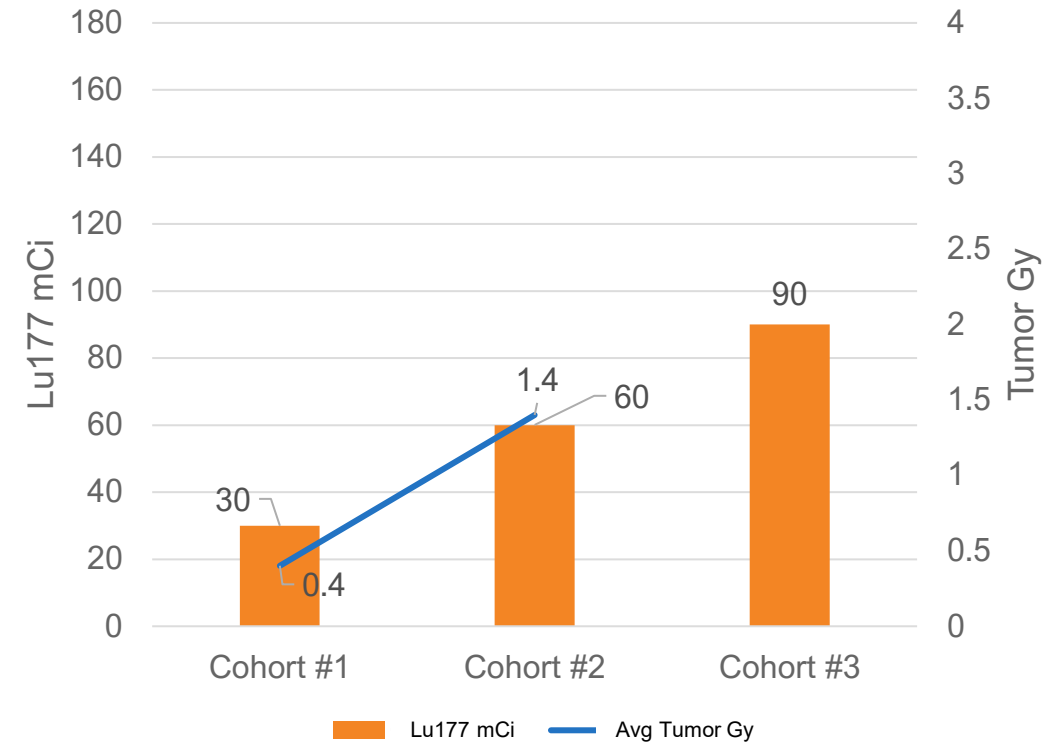
Tumor Uptake| Significant increase at DL2 vs DL1

COHORT#1

	Average Absorbed dose at 30 mCi
Patients	Dose (Gy), with PVC ¹
#1	0.56
#2	0.45
#3	0.21
	0.41

COHORT#2

	Average Absorbed dose at 60 mCi
Patients	Dose (Gy), with PVC ¹
#4	1.0
#5	0.5
#6	2.8
	1.43





Molecule: **^{177}Lu -RAD202**

Targeting MoA: **HER2**

Therapeutic for: **HER2+ TUMORS**

Phase 1 Trial Design

‘HEAT’ Trial (HER2 Antibody Therapy with Lutetium-177) in subjects with HER2+ advanced solid tumors

Primary Objectives (Phase 1, Treatment):

- Safety and tolerability of ^{177}Lu -RAD202
- Recommended ph2 dose of ^{177}Lu -RAD202

Population:

Her2+ (IHC, ISH) a/m solid tumors

Phase 0 Imaging:

Biodistribution, PK and radiation dosimetry of ^{177}Lu -RAD202_{im} in organs of interest and tumor lesions

Phase I Therapeutic:

^{177}Lu -RAD202_{tr} dose escalation

	Dose Level	Dose
Phase 0 (Imaging Period with ^{177}Lu - RAD202 _{im})	Imaging dose	10 mCi
Phase I (Treatment Period with ^{177}Lu - RAD202 _{tr})	Therapeutic DL1	30 mCi (1.1 GBq)
	DL2	75 mCi (2.7 GBq)
	DL3+	TBD

PROGRAM	TARGET & MOLECULE	INDICATION	Dx/Tx	ISOTOPE	1ST HALF 2024	2ND HALF 2024	1ST HALF 2025	2ND HALF 2025	1ST HALF 2026	2ND HALF 2026
RAD 202	HER2 (Nanobody)	HER2+ Solid Tumors	Therapy	Lu177	Preclinical Studies Completed	Ethics Approval (Dec 2024)	First Patient dosed	2 Cohorts Completed	2 Cohorts Data Release	Phase 1 Dose escalation completed
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Clinical Data Phase I

- First Cohort completed (30 mCi), with 3 Patient data released
- Significant tumor uptake observed
- The safety profile very favorable, with few low-grade adverse events and no SAEs observed thus far
- Currently recruiting Cohort #2 at 75mCi



Molecule: **RV01/BetaBart**

Targeting MoA: **B7H3**






Therapeutic for: **Multiple Tumor Types**

RV01 (Betabart) Key Milestones

1. Phase I therapeutic trial IND received in July 2025
2. Basket Phase I therapeutic trial to start by the end of 2025

 ACHIEVED

 Future Milestone

PROGRAM	TARGET & MOLECULE	INDICATION	Dx/Tx	ISOTOPE	2ND HALF 2024	1ST HALF 2025	2ND HALF 2025	1ST HALF 2026
RV01	B7-H3 (mAb)	Solid Tumors	Therapy	Lu177	 PRE-IND FDA meeting	 IND submission	 IND approval  First Patient Dosed	 First two cohorts Data release

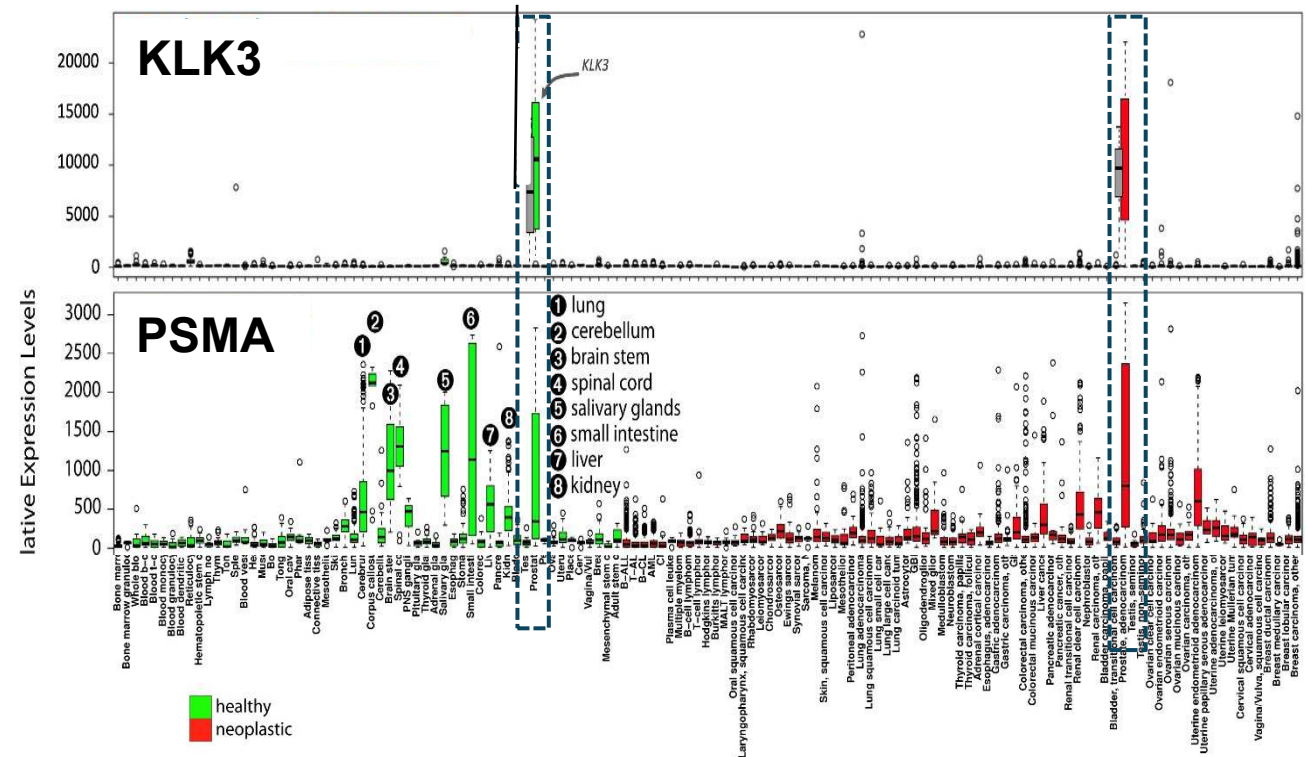


Molecule: **RAD 402 – 161Tb**

Targeting MoA: **KLK3**





Therapeutic for: **PROSTATE CANCER**

- 
- RAD
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RAD 402 – Key Milestones






1. Ethics Committee approval in Q4 2025
2. Phase I therapeutic trial in Australia to start in Q4 2025

PROGRAM	TARGET & MOLECULE	INDICATION	Dx/Tx	ISOTOPE	2ND HALF 2024	1ST HALF 2025	2ND HALF 2025
RAD402	KLK3 (mAb)	PROSTATE	Therapy	Tb161	 BioD & Tox studies completed	 CMC completed	 Ethics Committee Approval  Phase I start

 ACHIEVED

 Future Milestone

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Thank You

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