Transforming radiotherapy for patients with cancer

September 2021



Forward-Looking Statements

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This presentation contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are based on our current beliefs, expectations and assumptions regarding the future of our business, future plans and strategies, our clinical results and other future conditions. All statements other than statements of historical facts contained in this presentation, including statements regarding future results of operations and financial position, business strategy, the safety, efficacy, regulatory and clinical progress, and therapeutic potential of current and prospective product candidates, plans and timing for the commencement of and the release of data from clinical trials, our plans to prepare for commercialization and a US launch, the anticipated direct and indirect impact of COVID-19 on Galera's business and operations, planned clinical trials and preclinical activities, potential product approvals and related commercial opportunity, current and prospective collaborations, and timing and likelihood of success, plans and objectives of management for future operations, are forward-looking statements. The words "may," "will," "should," "expect," "plan," "anticipate," "could," "intend," "target," "project," "estimate," "believe," "predict," "potential" or "continue" or the negative of these terms or other similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words.

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Whenever the Company uses the terms "transform radiotherapy" or "transforming radiotherapy" in this presentation, it is referring to its mission statement.

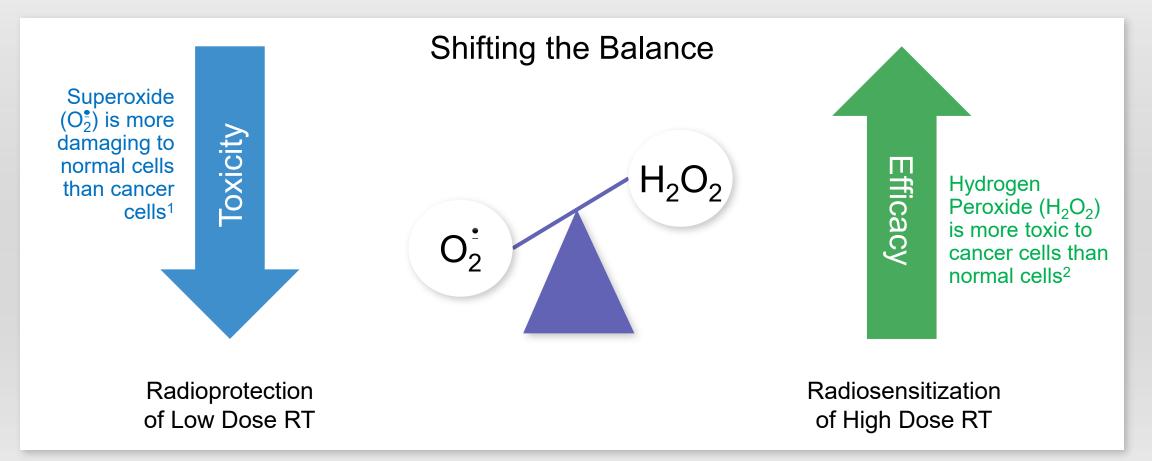
Radiation Therapy – Key Role in Cancer Treatment

Over 50% of all cancer patients receive radiation therapy as part of their treatment



Galera's Technology: Dismutase Mimetics

Mechanism of action is to convert RT-induced burst of Superoxide to Hydrogen Peroxide



¹Sonis S. Drug Design, Development and Therapy 2021:15 1021–1029 ²Park WH: Oncol Rep 40: 1787-1794, 2018



Transforming Radiotherapy

Avasopasem Reducing IMRT Toxicity

Breakthrough Therapy with Phase 3 Fully Enrolled

Severe Oral Mucositis In Head & Neck Cancer

Esophagitis in Lung Cancer

GC4711 Increasing SBRT Efficacy

Encouraging Survival Data in Pancreatic Cancer Trial¹

Pancreatic Cancer Locally Advanced

Lung Cancer Locally Advanced

Large Markets with High Unmet Need

18 Million New Cancers in World in 2020² (1.9M in US)

Radiotherapy needed by over half of patients with cancer

Galera building US commercial team for Avasopasem Launch

¹The first SBRT combination trial used GC4419 (avasopasem). Observations from this pilot trial used to guide development of GC4711 in combination with SBRT ²Global Cancer Statistics. Sung H et al. CA Cancer J Clin 2021;0:1–41 (excluding nonmelanoma skin cancer) ³US Cancer Statistics Siegel RL et al. CA Cancer J Clin 2021;71:7–33



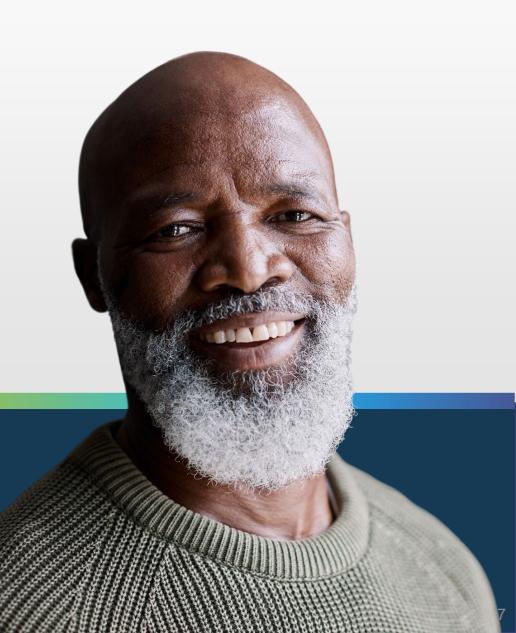
Robust Pipeline

		Phase 1	Phase 2	Phase 3	Next Anticipated	Milestone
Head & Neck Cancer	IMRT induced Severe Oral Mucositis ¹	ROMAN: Avasopasem vs. Placebo		Topline Data:	4Q 2021	
		EUSOM: Avasopase	em	Both Trials Fully Enrolled	Topline Data:	4Q 2021
Lung Cancer	IMRT induced Esophagitis ²	AESOP: Avasopase	em		Topline Data:	1H 2022
	SBRT Combo ³	GRECO-1: GC4711	vs. Placebo		Initial Data:	1H 2022
Pancreatic Cancer	SBRT Combo⁴	Pilot: GC4419 vs. P	lacebo		Final Data:	3Q 2021 √
		GRECO-2: GC4711	vs. Placebo		Initiated Trial:	2Q 2021 🗸

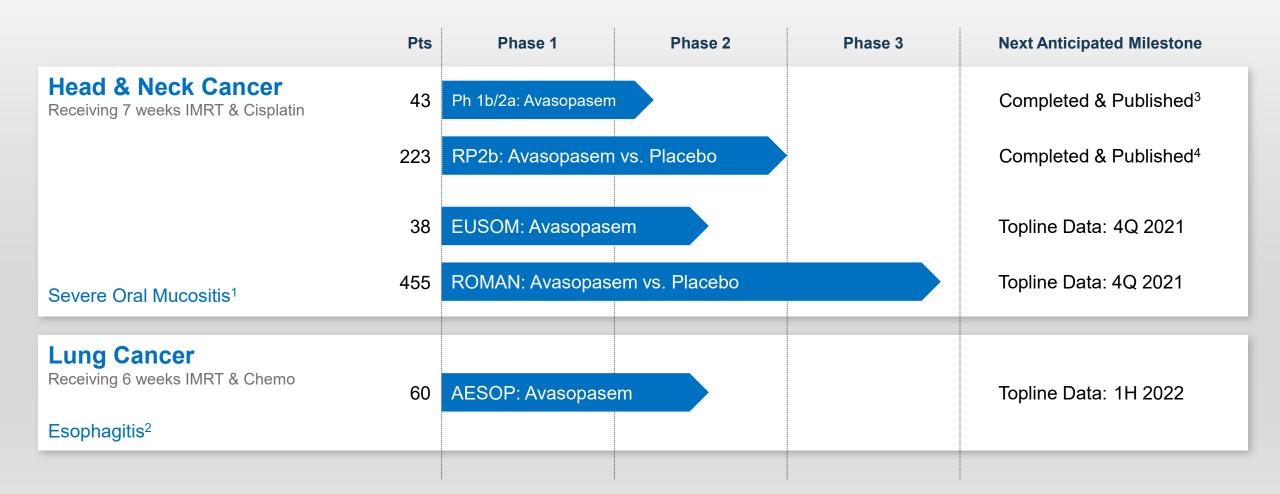
¹EUSOM is a single-arm multi-center trial evaluating the safety and efficacy of avasopasem in patients with HNC in Europe ²Phase 2a trial in patients with lung cancer building on avasopasem safety and tolerability findings from SOM trials in patients with HNC ³Trial to assess anti-cancer efficacy of SBRT +/- GC4711; subsequently, intend to assess anti-cancer efficacy of SBRT and checkpoint inhibitor +/- GC4711 ⁴The first SBRT combination trial used GC4419 (avasopasem). Observations from this pilot trial used to guide development of GC4711 in combination with SBRT

Reducing IMRT Toxicity





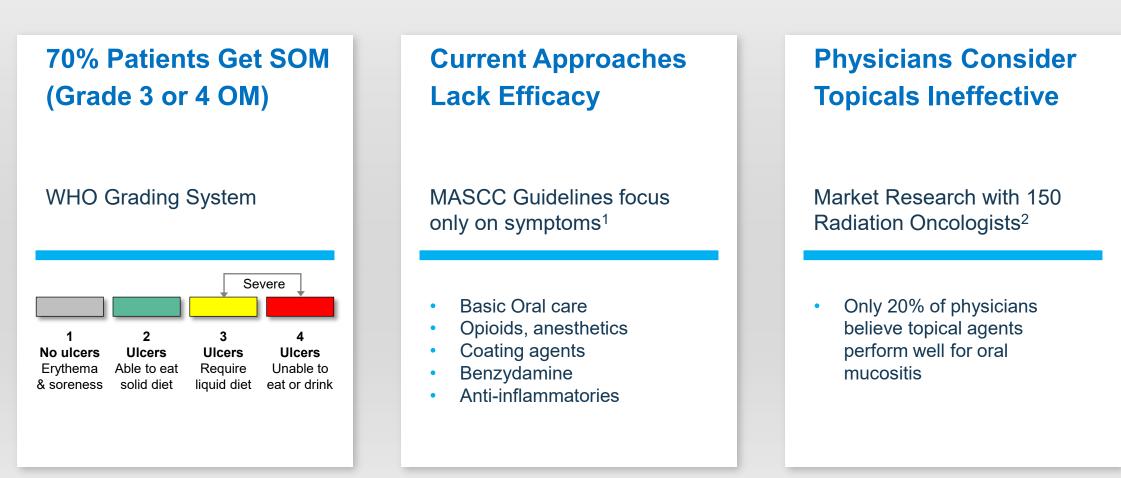
Radioprotection Programs



¹EUSOM is a single-arm multi-center trial evaluating the safety and efficacy of avasopasem in patients with HNC in Europe ²Phase 2a trial in patients with lung cancer building on avasopasem safety and tolerability findings from SOM trials in patients with HNC ³Anderson CM et al. Int J Radiat Oncol Biol Phys. 2018 Feb 1;100(2):427-435 ⁴Anderson CM et al. J Clin Oncol. 2019;37(34):3256-3265.

Severe Oral Mucositis in Head & Neck Cancer

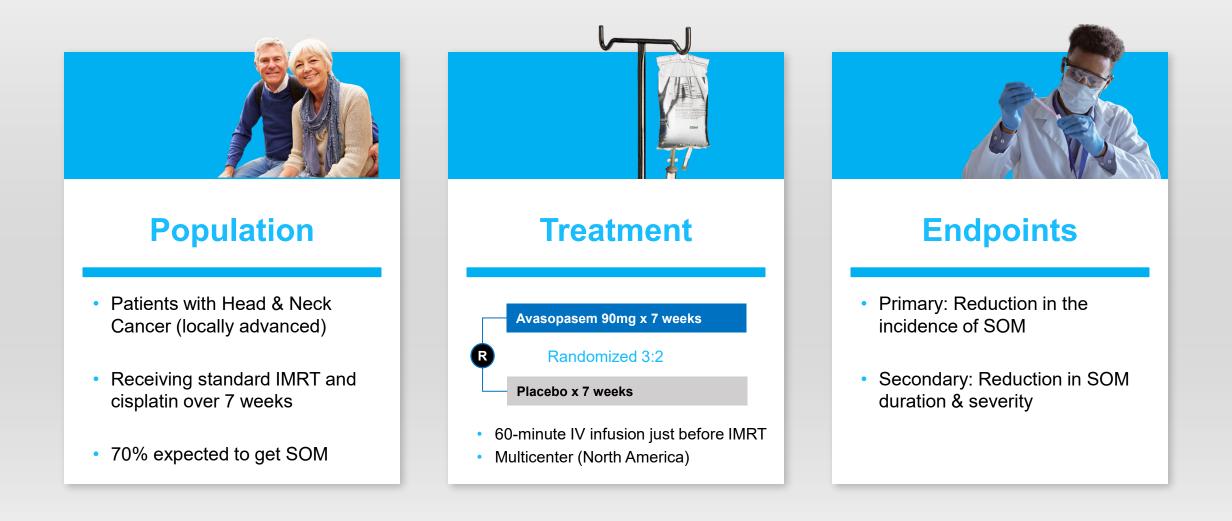
The most burdensome toxicity of standard-of-care chemoradiotherapy (radiotherapy & cisplatin)



¹Elad S et al, MASCC/ISOO Clinical Practice Guidelines for the Management of Mucositis Secondary to Cancer Therapy. Cancer 2020;126:4423-4431 ²Galera Market Research

455 Patient ROMAN Phase 3 Trial – Results this Year

Fully Enrolled Randomized Placebo-Controlled Severe Oral Mucositis Trial



Avasopasem: First-to-Market Potential

Avasopasem Prevents RT Injury

Patients get avasopasem before each RT dose

Blocks initiating injury in normal cells from RT burst of superoxide

Does not interfere with RT anti-cancer efficacy

Avasopasem has BTD for Oral Mucositis

FDA Breakthrough Therapy Designation

BTD granted for oral mucositis in February 2018

Based on robust Phase 2b data in 223 patients

455 Patient ROMAN Phase 3 Trial

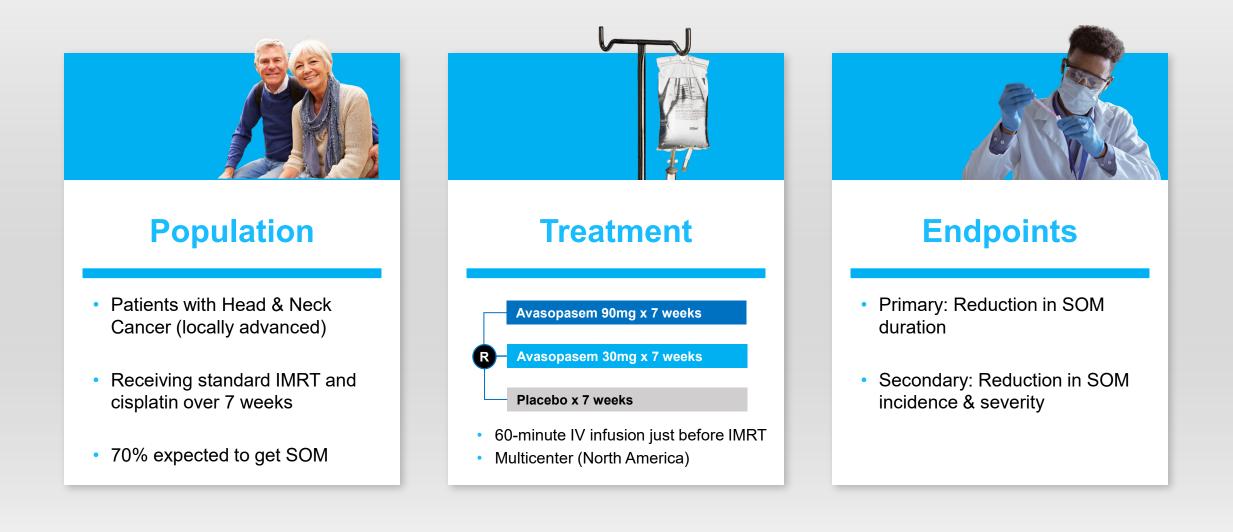
Data anticipated 4Q 2021

Enrollment complete

Single Phase 3 sufficient for NDA with Phase 2b as supportive

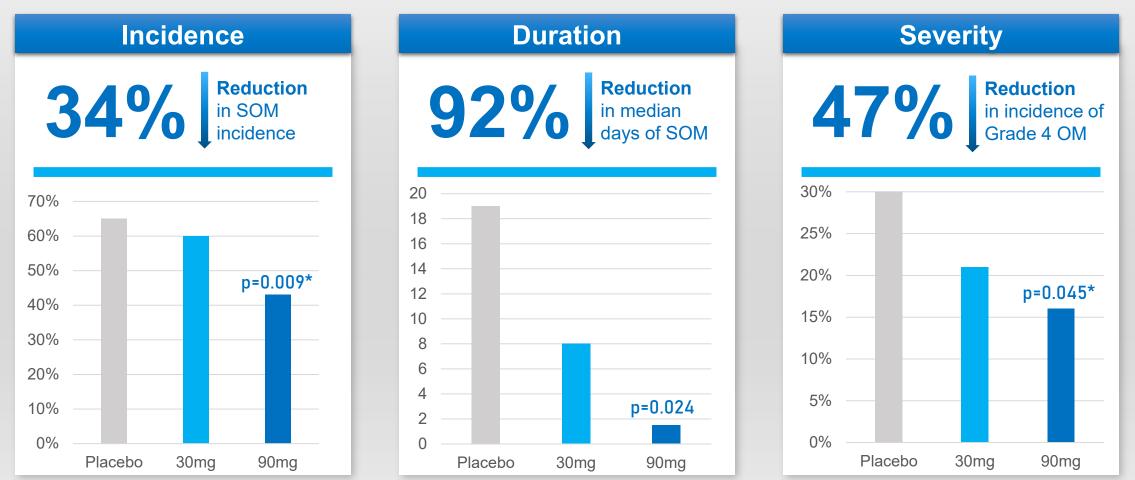
223 Patient Phase 2b Trial – Robust Results

Randomized Placebo-Controlled Severe Oral Mucositis (SOM) Trial



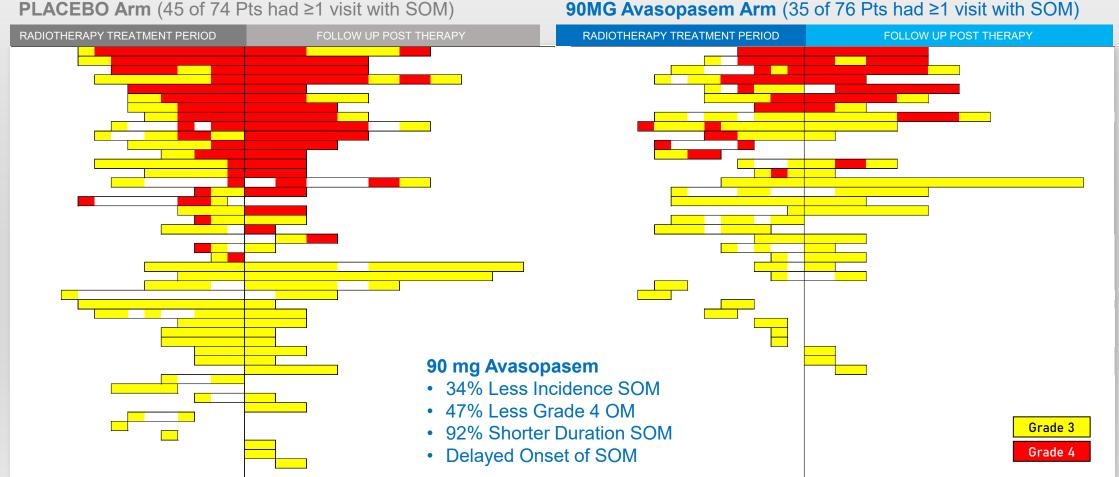
Consistent and Encouraging Results

Across SOM Endpoints



Anderson CM et al. Journal of Clinical Oncology 2019 37:34, 3256-3265 *Secondary endpoints (incidence and severity) have nominal p values compared to placebo Intent-To-Treat (ITT) Population

Avasopasem Efficacy Significantly Better than Placebo

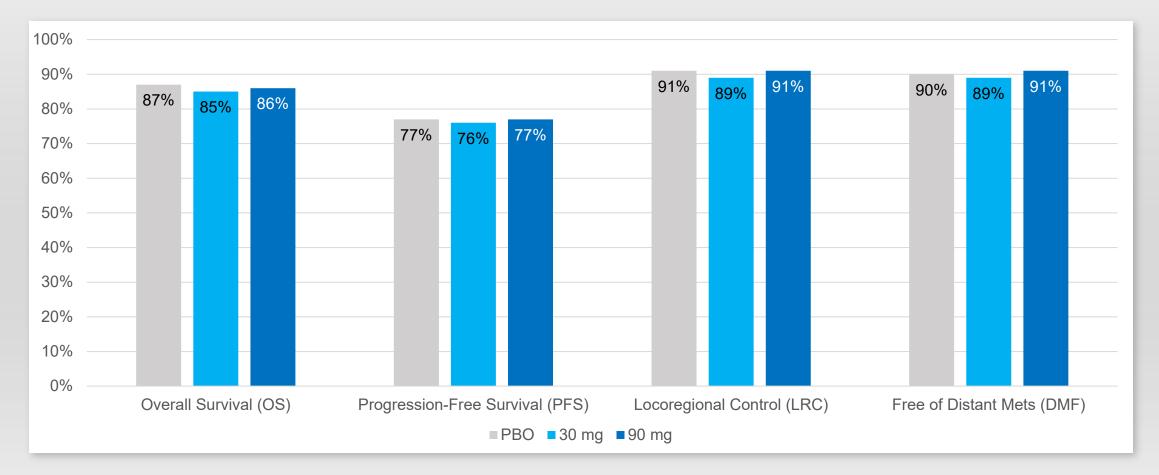


90MG Avasopasem Arm (35 of 76 Pts had ≥1 visit with SOM)

Anderson CM et al. Journal of Clinical Oncology 2019 37:34, 3256-3265



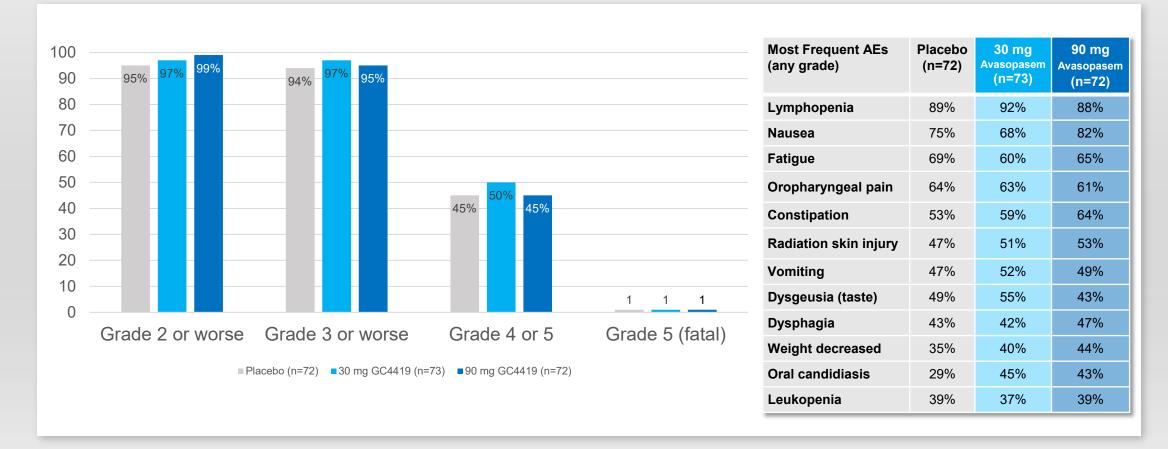
Radiotherapy Efficacy Maintained Over Two Years



Final ITT Analysis

Safety Results Comparable to Placebo

Avasopasem Generally Well Tolerated



Anderson CM et al. Journal of Clinical Oncology 2019 37:34, 3256-3265

SOM Market Opportunity



Head and Neck Cancer – Large Market Opportunity

Severe Oral Mucositis is most burdensome side effect – 70% get SOM

650,000

Global Head & Neck Cancer Incidence

65,630 US Patients Diagnosed each year

Initial Target Population

42,000 US Patients at Risk for RT-related SOM

Locally advanced HNC is curable with the standard-of-care IMRT and cisplatin regimen

Head and Neck Cancer Can Affect Anyone



Babe Ruth, Lana Turner, Jamie Dimon, Ulysses S. Grant, Sigmund Freud, Humphrey Bogart, Grover Cleveland, Eddie Van Halen Sammy Davis Jr., George Harrison, Michael Douglas, Ann Richards, Tony Gwynn

Concentrated Physician Population

SOM is most burdensome side effect of curative IMRT + cisplatin regimen

5,000

Radiation Oncologists in U.S

2,500

Radiotherapy Treatment Sites

700 — Top centers where >80% HNC patients are treated

Initial Sales Focus



Sites with Existing Infusion Capability¹

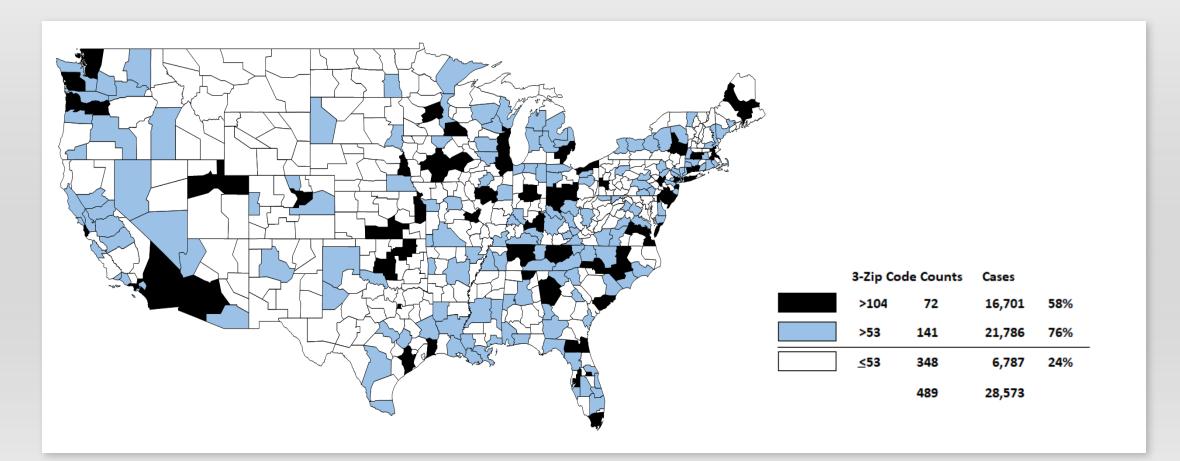
64% Market Patient Share

38% IMRT centers currently infuse drugs¹ 34% more coordinate with medical oncology to infuse patients Additional 17% can add capabilities to infuse patients



Where Patients with Head & Neck Cancer are Treated

76% Treated in only 29% Zip Code areas



Galera Market Research (122 Zip Codes are 0)



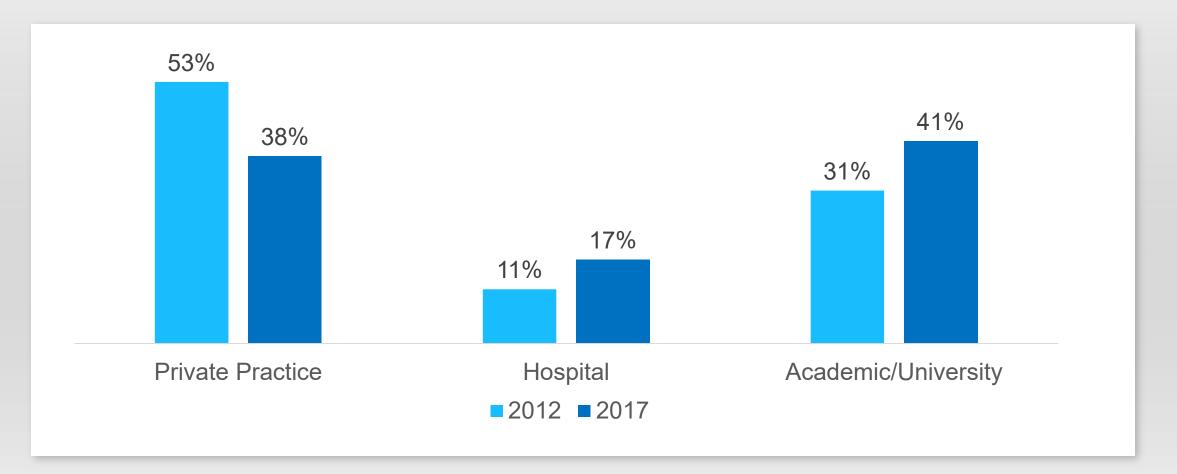
Most Centers Have Ability to Infuse Today

72% Radiotherapy Sites Have Existing Infusion Capability

Adoption Archetype Determinants	A Rad Oncs Have Current Capabilities	B Med Oncs Administer Infusions for Rad Onc	C Rad Oncs Need to Add Capabilities	D Rad Oncs Unlikely to Add Capabilities
Total % Sample Distribution	38%	34%	17%	11%
Avasopasem Infusion Owner	Rad Onc	Med Onc	Rad Onc	-
Ease of Coordination Today	High	High	Low	Low
Likelihood of Prescribing Avasopasem	High	High	High	Low

Data in above table based on primary research with 125 IMRT centers in the US

US Radiation Oncologists Trending Away from Private Practice



¹Data from ASTRO

Favorable Payer Landscape

\$40,000

Additional medical expenses incurred by patients who develop OM

\$15-25K

Indicative price of full course of therapy based on initial payer research

Price strategy intended to optimize patient access

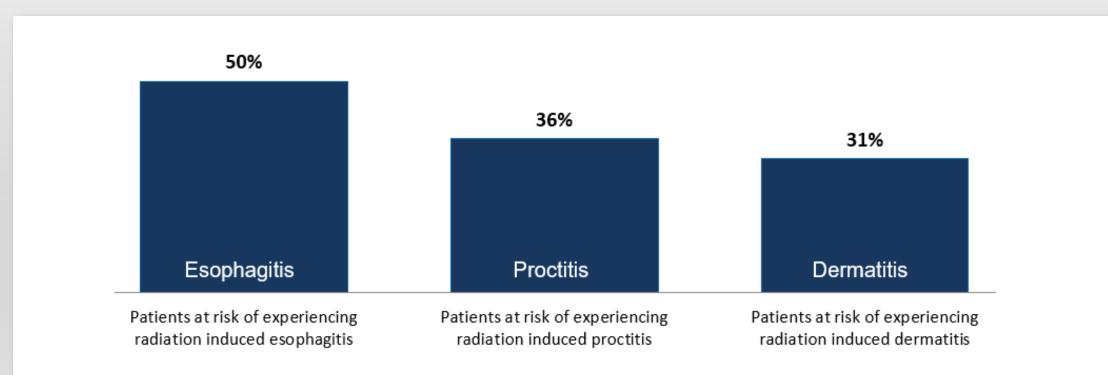
Head and neck cancer not a focus for cost control measure

Step Edits Unlikely

High unmet need with limited treatment options

Beyond Oral Mucositis: Other RT-Related Toxicities

Physicians view oral mucositis data as potentially applicable to other radiation-related toxicities



150 Rad Oncs were asked the following: *Given the demonstrated ability of Product X to prevent radiation-induced toxicities in the oral mucosa, please indicate how you might use (maximum %) Product X for the following radiation associated conditions?*

Galera primary research with 150 Radiation Oncologists



Esophagitis in Lung Cancer

2,500,000

Global NSCLC Incidence

175,000 — US Patients Diagnosed each year

Initial Target Population

50,000 —

US Patients at Risk for RT-related Esophagitis

Locally advanced NSCLC frequently treated with IMRT and chemotherapy

Esophagitis: Major Unmet Need in Lung Cancer

Common Side Effect of Chemoradiotherapy (IMRT x 6 weeks)

50% Patients Get Grade 2+ Esophagitis

RTOG Grading System

Asymptomatic

- 2
- Symptoms & altered eating/swallowing
 - Severely altered eating or swallowing
 - Required urgent operative intervention
 - Results in death

Current Approaches Lack Efficacy

No established drug therapy

Supportive care measures:

- Soft bland diet
- Prophylactic antifungals
- Dilation if stricture develops



Phase 2 Trial (n=60)

 6 weeks of standard IMRT to ≥ 5 cm of esophagus

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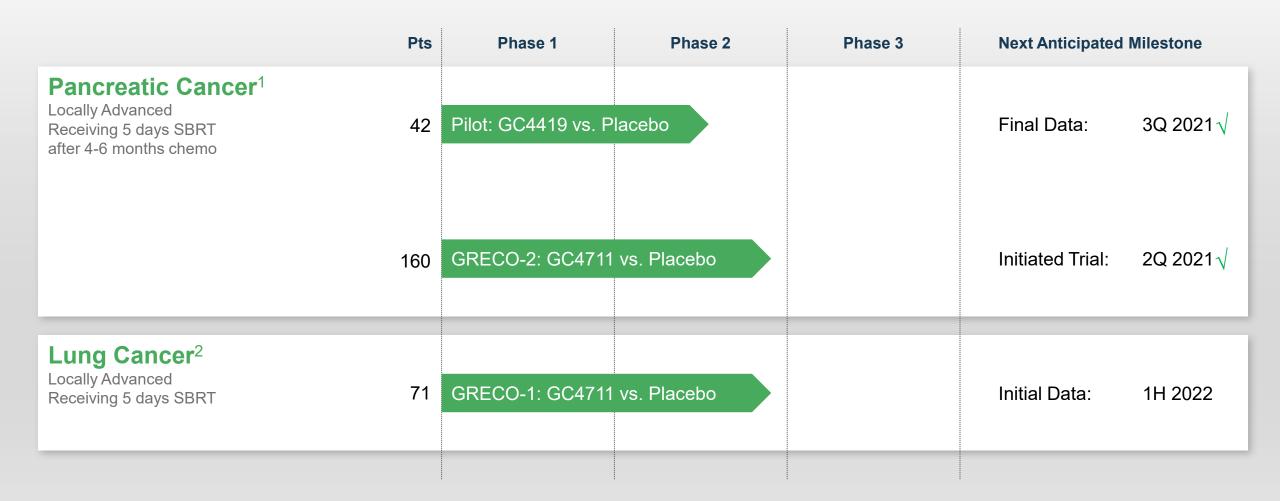
• Will compare esophagitis rate with historical data

Increasing SBRT Efficacy

15



Radiosensitizer Programs



¹First SBRT combination trial used GC4419 (avasopasem). Observations from this pilot trial used to guide development of GC4711 in combination with SBRT ²Trial to assess anti-cancer efficacy of SBRT +/- GC4711; subsequently, intend to assess anti-cancer efficacy of SBRT and checkpoint inhibitor +/- GC4711

Pancreatic Cancer

High Unmet Medical Need With Limited Therapeutic Options

500,000

Global Incidence

60,000 — US Patients Diagnosed each year

Initial Target Population

18,000

Patients with Unresectable Locally Advanced Tumors

5-year survival rate is only ~10%

SBRT use increasing for locoregional control of pancreatic cancer



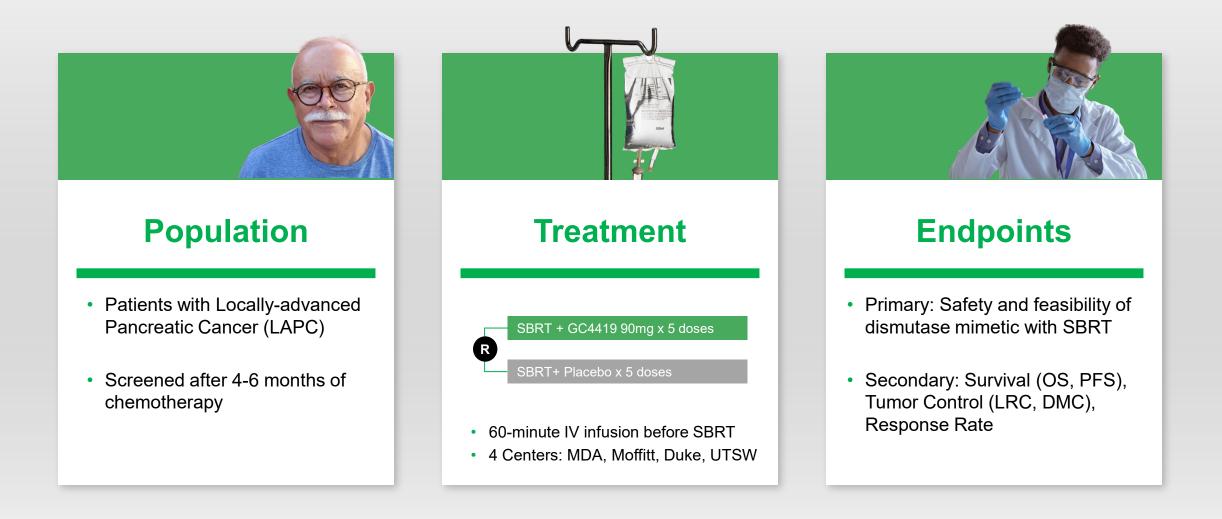
People We Have Lost to Pancreatic Cancer



Pavarotti, Donna Reed, Dizzy Gillespie, Cardinal Bernardin, Eiko Ishioka, Bonanza's Pernell Roberts, Joan Crawford Ben Gazzara, Alex Trebek, Alan Bates, Jack Benny, Dr. Sydney Salmon, Billy Paul, Rand Pausch (last lecture) Ruth Bader Ginsburg, John Lewis, Henry Mancini, Sally Ride, Munsters' Fred Gwynne, Columnist William Safire, Michal Landon

Proof of Concept Trial in Pancreatic Cancer

42-Patient Double-blind, Placebo-controlled, Randomized Trial



Proof of Concept Trial in Pancreatic Cancer – Final Analysis

42-Patient Double-blind, Placebo-controlled, Randomized Trial

- SBRT and SBRT+GC combination generally well tolerated
- Improvements observed across all evaluated efficacy endpoints
 HR < 0.5 for Overall & Progression-Free Survival
 HR < 0.4 for Local & Distant Tumor Control
- Results reinforce the rationale for ongoing GRECO-2 trial



Final Analysis of Safety & Efficacy

Minimum of One Year Follow-up on All Patients

Baseline Characteristics	Placebo (n=18)	GC4419 (n=24)
Median age (range), yrs	68 (48–82)	72 (41–83)
Male / Female	39% / 61%	67% / 33%
Borderline resectable / Unresectable	11% / 89%	29% / 71%
ECOG Performance status 0/1/2	50% / 50% / 0%	50% / 46% / 4%
Prior chemo, duration median (range), wks	22 (12.0–36.3)	18 (9.1–67.1)
CA19-9 at randomization, median (range)	71 (0.5–5505)	31 (0.3–719)
Smokers/Nonsmokers	17% / 83%	8% / 92%

CA 19-9 = Carbohydrate Antigen 19-9 is a tumor marker for pancreatic cancer ECOG = Eastern Cooperative Oncology Group Performance Status Criteria

Final Safety Analysis - Regimen Generally Well Tolerated

12-Month Safety Follow-up (% of Patients)

Similar SBRT Toxicity Across Arms

AEs Considered related by Investigator to SBRT		SBRT + PBO	SBRT + GC
≤90 days after SBRT	Any AE	67%	46%
	GI AE	44%	42%
	Severe AE	0%	0%
>90 days after SBRT	Any AE	22%	25%
	GI AE	17%	21%
	Severe AE	11%	8%

• No bleeding ulcers by 12-week endoscopy

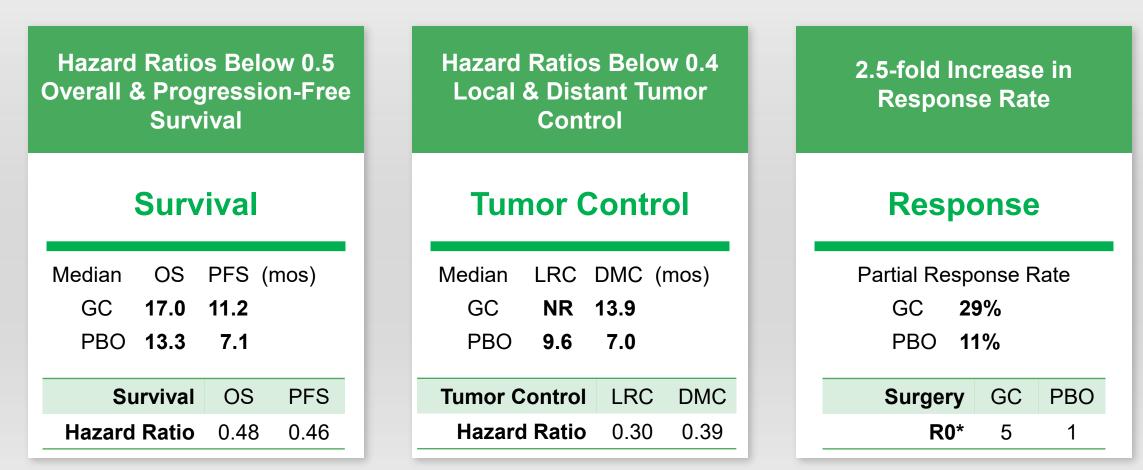
No Early or Late Toxicity Signal for GC

AEs Considered related by Investigator to GC/PBO		SBRT + PBO	SBRT + GC
≤90 days after SBRT	Any AE	67%	46%
	GIAE	44%	42%
	Severe AE	0%	0%
>90 days after SBRT	Any AE	17%	21%
	GI AE	17%	17%
	Severe AE	11%	4%

AE = Adverse Event, GI AE = Gastrointestinal AE

Final Efficacy Analysis – Improvements Across All Parameters

Encouraging hazard ratios across all endpoints

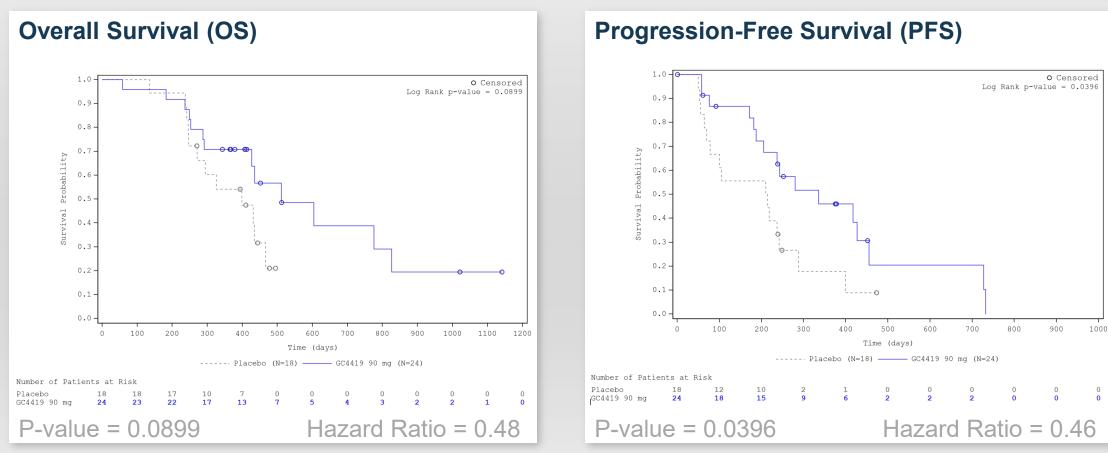


*R0 = margins free of microscopic tumor (5/5 patients on GC and 1/2 patients on placebo had clear margins at surgery)

LRC = Locoregional Control; DMC = Control of Distant Metastases; PFS = Progression-Free Survival; OS = Overall Survival; NR = Not Reached

Improved Overall and Progression-Free Survival

46% (11/24) alive on GC arm at last follow up compared to 33% (6/18) on placebo

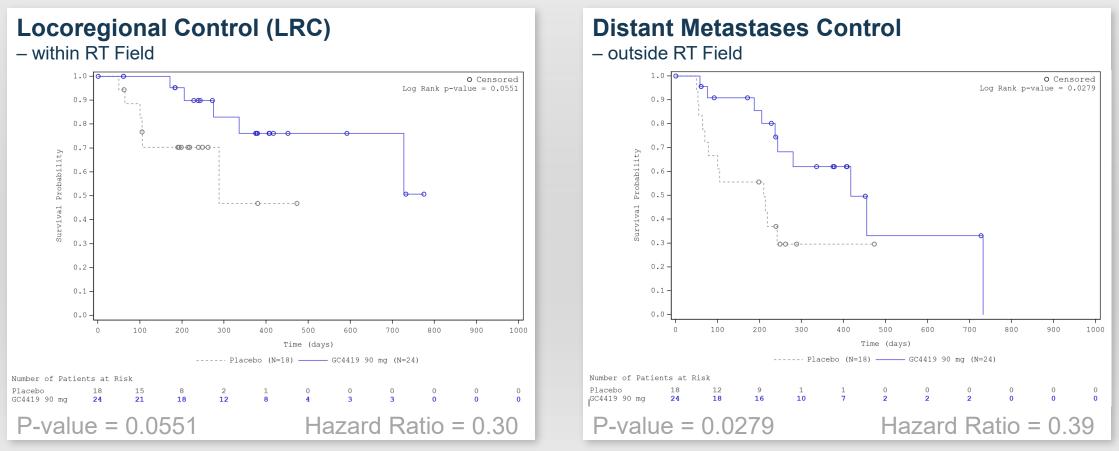


Minimum 12-month follow-up on all patients,

PFS defined as local progression or distant metastasis, not censored for treatment post SBRT

Improved Control of Both Local and Distant Disease

Median LRC on GC arm not yet reached at data cut-off; Increased median DMC by 100%

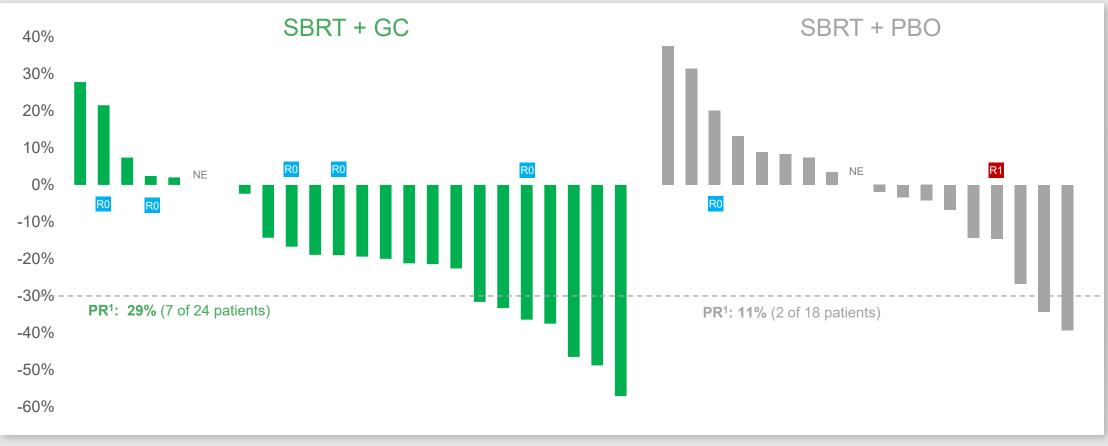


Minimum 12-month follow-up on all patients, HR = Hazard Ratio

DMC and LRC defined as distant metastasis or local regional progression, not censored for treatment post SBRT

Partial Response Rate Increased 2.5-fold

Best Local Response with follow-up of at least 12 months on all patients (ITT, n=42)



¹Partial response per modified RECIST (Response Evaluation Criteria in Solid Tumors) NE = not evaluable (scans not performed post SBRT) R0 = margins free of microscopic tumor (5/5 patients on GC and 1/2 patients on placebo had clear margins at surgery) R1 = positive tumor margins at surgery

Galera's Radiosensitization Trials

Galera Radiotherapy Efficacy Cancer Optimization

GRECO-1 in Lung Cancer

SBRT + GC4711 100mg x 5 doses

SBRT+ Placebo x 5 doses

71 Patients

R

- Placebo-controlled multicenter trial
- Locally Advanced NSC Lung Cancer
- Large & central tumors
- Status: Open & recruiting patients

GRECO-2 in Pancreatic Cancer

SBRT + GC4711 100mg x 5 doses SBRT+ Placebo x 5 doses

- 160 Patients
- Placebo-controlled multicenter trial
- Locally Advanced Pancreatic Cancer
- Following 4 months chemotherapy
- Status: Open & recruiting patients

SBRT for Non-Small Cell Lung Cancer

SBRT is an established treatment for central and large peripheral NSCLC tumors

42,000

Receive

SBRT Today

2,500,000

Global NSCLC Incidence

175,000 US Patients Diagnosed each year

> 55,100 Node-Negative NSCLC

	AII SBRT	14,600	12,120	15,430
	Node- Negative NSCLC	Peripheral Tumor >3cm	Central Tumor <3cm	Central Tumor >3cm
	Surgery ONLY	16%	30%	12%
-	SBRT (+/- other modalities)	81%	67%	85%
	Other	3%	2%	4%

Corporate Highlights



Robust Pipeline

		Phase 1	Phase 2	Phase 3	Next Anticipated Milestone	
Head & Neck Cancer	IMRT induced	ROMAN: Avasopase	em vs. Placebo		Topline Data:	4Q 2021
Callee	Severe Oral Mucositis ¹	EUSOM: Avasopase	em	Both Trials Fully Enrolled	Topline Data:	4Q 2021
Lung Cancer	Ecophonitic?	AESOP: Avasopase	m		Topline Data:	1H 2022
	SBRT Combo ³	GRECO-1: GC4711	vs. Placebo		Initial Data:	1H 2022
Pancreatic Cancer		Pilot: GC4419 vs. P	lacebo		Final Data:	3Q 2021 √
		GRECO-2: GC4711	vs. Placebo		Initiated Trial:	2Q 2021 🗸

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Thank you.



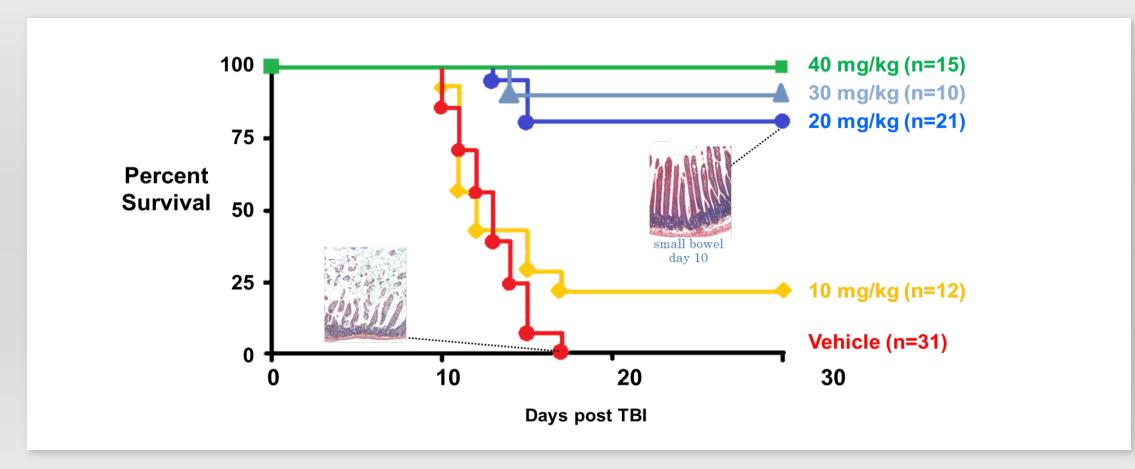


Back-up Slides Mechanistic and Preclinical Data



Protection from Lethal Radiation Exposure

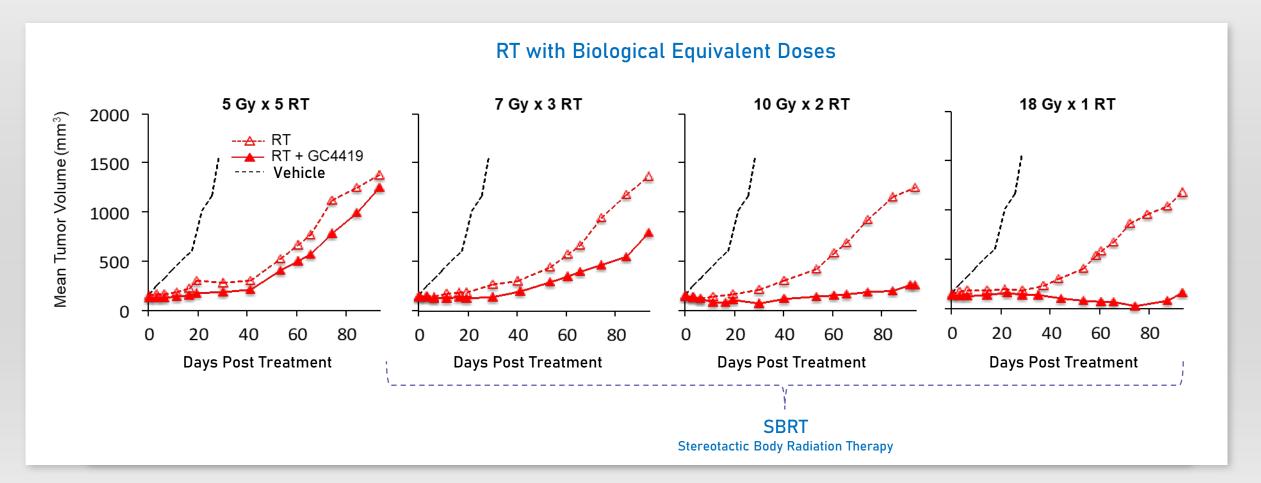
Observed in Preclinical Studies – Total Body Irradiation (8.5 Gy) to Mice



Thompson, et al., Free Radical Research, 44(5):529-540, 2010

Synergy with High-Dose RT (SBRT)

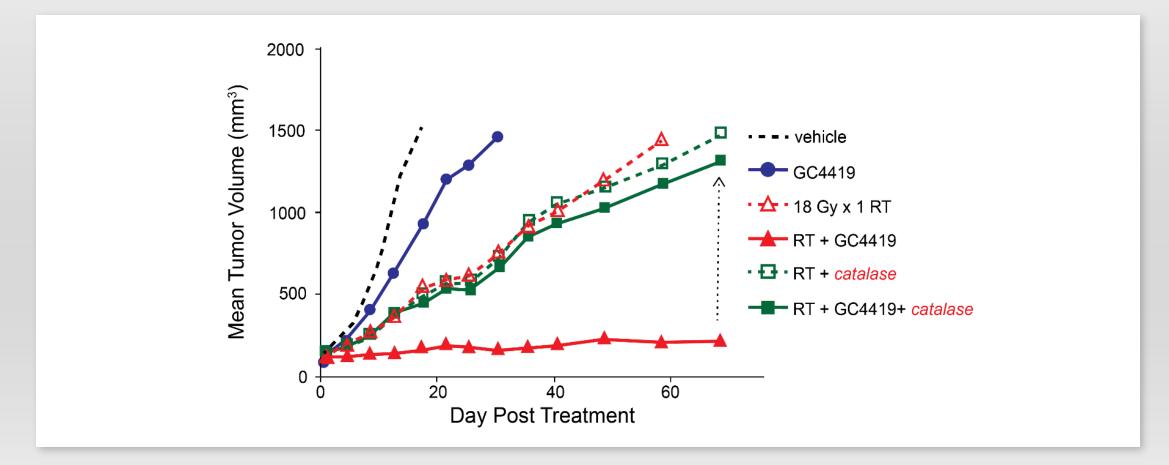
High-fraction focal irradiation of human tumor xenografts (H1299 NSCLC) in mice



Sishc, et al., Science Translational Medicine 12 May 2021:Vol. 13, Issue 593

H_2O_2 build-up in Cancer Cell \rightarrow Synergy with SBRT

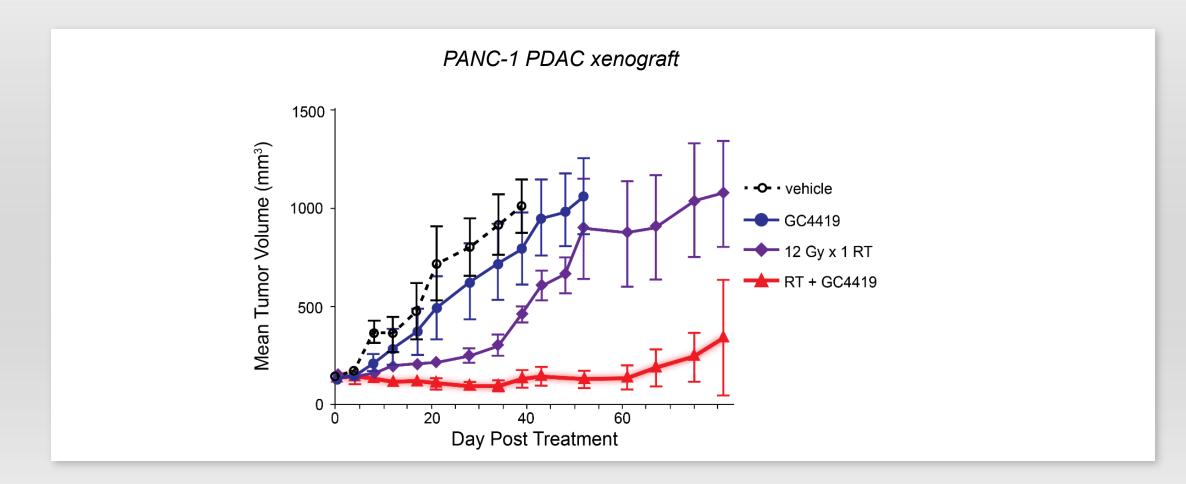
Synergy abrogated with doxycycline-induced catalase in genetically modified H1299^{CAT} cells



Sishc, et al., Science Translational Medicine 12 May 2021:Vol. 13, Issue 593

Pancreatic Tumor Model \rightarrow Synergy with SBRT

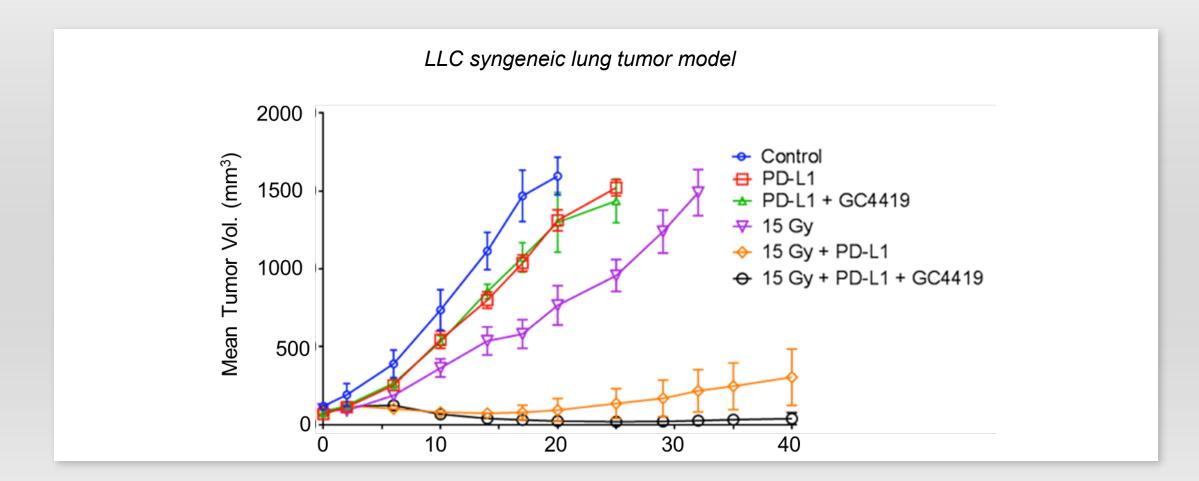
Marked synergy of Dismutase Mimetic with 12 Gray Radiotherapy



Sishc, et al., Science Translational Medicine 12 May 2021:Vol. 13, Issue 593

Enhanced Checkpoint Inhibitor Activity in Vivo

GC4419 enhances tumor response to SBRT + anti-PD-L1, PD-1 or CTLA-4 – within and outside RT field



Galera data on file