

**AlphaTAU**

(NASDAQ:DRTS)  
**Company Overview**

July 2022

# Disclaimer

This presentation (together with oral statements made in connection herewith, the "Presentation") is for informational purposes only to assist interested parties in making their own evaluation with respect to Alpha Tau Medical Ltd. ("Alpha Tau" or the "Company"). By accepting this Presentation, you acknowledge and agree that all of the information contained herein or disclosed orally during this Presentation is confidential, that you will not distribute, reproduce, disclose and use such information for any purpose other than for the purpose of your firm's participation in the potential financing, that you will not distribute, reproduce, disclose or use such information in any way detrimental to Alpha Tau, and that you will return to Alpha Tau, delete or destroy this Presentation upon request.

You are also being advised that the United States securities laws restrict persons with material non-public information about a company obtained directly or indirectly from that company from purchasing or selling securities of such company, or from communicating such information to any other person under circumstances in which it is reasonably foreseeable that such person is likely to purchase or sell such securities on the basis of such information.

The information contained herein does not purport to be all-inclusive and neither the Company nor any of its respective subsidiaries, stockholders, shareholders, affiliates, representatives, control persons, partners, directors, officers, employees, advisers or agents make any representation or warranty, express or implied, as to the accuracy, completeness or reliability of the information contained in this Presentation. You should consult your own counsel and tax and financial advisors as to legal and related matters concerning the matters described herein, and, by accepting this Presentation, you confirm that you are not relying upon the information contained herein to make any decision. The reader shall not rely upon any statement, representation or warranty made by any other person, firm or corporation in making its investment or decision to invest in the Company. To the fullest extent permitted by law, in no circumstances will the Company or any of its subsidiaries, stockholders, shareholders, affiliates, representatives, control persons, partners, directors, officers, employees, advisers or agents be responsible or liable for any direct, indirect or consequential loss or loss of profit arising from the use of this Presentation, its contents, its omissions, reliance on the information contained within it, or on opinions communicated in relation thereto or otherwise arising in connection therewith. In addition, this Presentation does not purport to be all-inclusive or to contain all of the information that may be required to make a full analysis of the Company. The general explanations included in this Presentation cannot address, and are not intended to address, your specific investment objectives, financial situations or financial needs.

## **Use of Data**

Certain information contained in this Presentation relates to or is based on studies, publications, surveys and the Company's own internal estimates and research. In addition, all of the market data included in this Presentation involves a number of assumptions and limitations, and there can be no guarantee as to the accuracy or reliability of such assumptions. Finally, while the Company believes its internal research is reliable, such research has not been verified by any independent source and none of the Company nor any of its affiliates nor any of its control persons, officers, directors, employees or representatives make any representation or warranty with respect to the accuracy of such information.

## **Forward-Looking Statements**

This presentation contains forward-looking statements, including without limitation, statements related to: Alpha Tau becoming the leader in delivering innovative devices in medical technology, our ability to expand our development pipeline, opportunities to expand our portfolio through partnerships and collaborations, the progress, timing and results of our clinical trials, the safety and efficacy of our development programs, the timing of the potential approval of our products, the timing and commercial success of our products, strategies for completion and likelihood of success for our business and activities, size and growth of markets in which we may compete and potential market opportunity, and potential growth opportunities. Forward-looking statements can be identified by the words "believe," "anticipate," "continue," "estimate," "project," "expect," "plan," "potential," "intends," "will," "would," "could," "should" or the negative or plural of these words or other similar expressions that are predictions or indicate future events, trends or prospects but the absence of these words does not necessarily mean that a statement is not forward-looking. In addition, any statements that refer to expectations, projections or other characterizations of future events or circumstances are forward-looking statements.

Forward-looking statements are subject to risks and uncertainties that could cause actual results to differ materially and reported results should not be considered as an indication of future performance. Actual results and the timing of events could differ materially from those anticipated in the forward-looking statements as a result of these risks and uncertainties, which include, among others, those inherent in the preclinical and clinical development process and the regulatory approval process, the risks and uncertainties in commercialization and gaining market acceptance, the risks associated with protecting and defending our patents or other proprietary rights, the risk that our proprietary rights may be insufficient to protect our development programs, the risk that we will be unable to obtain necessary capital when needed on acceptable terms or at all, competition from other products or procedures, our reliance on third-parties to conduct our clinical and non-clinical trials, our reliance on any third-party suppliers to manufacture clinical, non-clinical and any future commercial supplies of our products, and increased regulatory requirements. These statements are subject to the risk that clinical trial data are subject to differing interpretations, and regulatory agencies, medical and scientific experts and others may not share Alpha Tau's views of the clinical study data. There can be no assurance that the clinical studies for our development programs will be successful in demonstrating safety and/or efficacy, that we will not encounter problems or delays in clinical development, or that any of our products will ever receive regulatory approval or be successfully commercialized.

These forward-looking statements are based on information available to Alpha Tau as of the date of this presentation and speak only as of the date of this presentation. Alpha Tau disclaims any obligation to update these forward-looking statements, except as may be required by law.

This presentation is for informational purposes only and does not constitute an offer to sell or a solicitation of an offer to purchase any securities of any nature whatsoever, and it may not be relied upon in connection with the purchase of securities.

## **Trademarks**

This presentation may contain trademarks, service marks, trade names and copyrights of other companies, which are the property of their respective owners. Solely for convenience, some of the trademarks, service marks, trade names and copyrights referred to in this presentation may be listed without the TM, SM © or ® symbols, but Alpha Tau will assert, to the fullest extent under applicable law, the rights of the applicable owners, if any, to these trademarks, service marks, trade names and copyrights.

# Alpha Tau – Key Investment Highlights

1

Proprietary Alpha DaRT designed to safely deliver alpha radiation with localized precision in solid tumors, sparing surrounding healthy tissue

2

Broad potential and preclinical evidence supporting evaluation across various solid tumors (skin, pancreas, breast, GBM, etc.) with 18 peer-reviewed pre-clinical papers

3

Compelling potential immuno-stimulatory effect and synergetic combination with other therapies

4

Exhibited 100% ORR and ~78% CR in first-in-human clinical trial in 28 SCC tumors. Over 100 superficial tumors treated to date, with a similar profile observed. 100% CR seen at 12 weeks in 1<sup>st</sup> US study

5

Favorable safety profile observed, no systemic toxicities

6

Robust clinical-trial strategy with leading global centers, with U.S. pivotal study forthcoming in recurrent cutaneous SCC. Two FDA Breakthrough Device Designations (skin & GBM)

7

Solid logistics based on purpose-built manufacturing facilities, built or in planning, in the US, Israel and Asia, with a highly scalable and optimized proprietary production process

8

Strong intellectual property (method and device) with over 160 issued and pending patents worldwide

9

Experienced management team, including Alpha DaRT's co-inventors, with expertise in oncology development, manufacturing scale up and commercialization

**AlphaTAU**

# Therapeutic Focus

We are focused on delivering solutions to three markets that we believe would be best served by the unique characteristics of the Alpha DaRT

## Localized & Unresectable

- Localized tumors that are not surgical candidates and tumors that recur after surgery and are **resistant to other** therapies, specifically radiotherapy
- Alpha DaRT to be evaluated as a **later line therapy**
- Tumor types include **SCC, H&N SCC and prostate**



## High Unmet Need

- Solid tumors that have **limited treatment options** with limited SOC offering
- Alpha DaRT could potentially target **broad patient populations**
- Tumor types include **GBM and pancreatic cancer**



## Metastatic

- Alpha DaRT would be evaluated for its potential to induce an **immune response** in **metastatic** tumors
- Alpha DaRT would be evaluated **in combination with check point inhibitors** as an adjuvant therapy
- Tumor types include **liver, breast and H&N** (which includes lip, oral cavity, salivary glands, oropharynx & pharynx) cancers





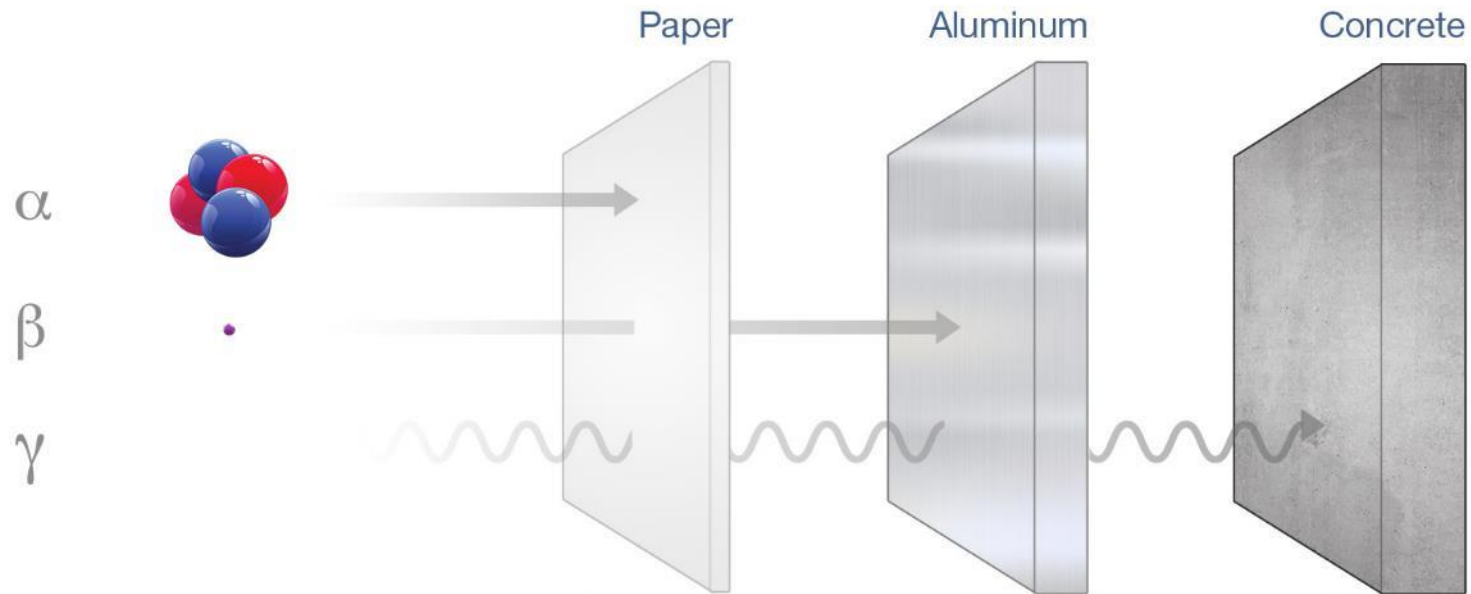
# Development Pipeline

- Our clinical trial strategy involves progressing our lead program (superficial tumors), particularly in the US, and conducting feasibility studies in other tumors to evaluate the Alpha DaRT in tumors of high unmet need or metastatic disease
- FDA Breakthrough Device Designation received for certain uses in skin cancer and GBM

Geography	Indication	Pre-Clinical Research	Feasibility Trial	Pivotal Trial	Marketing Authorization	Anticipated Milestones
North America	Skin Cancers	U.S.				• First patient into US pivotal trial targeted for 2H 2022
	Pancreatic Cancer	Canada				• First patient in feasibility trial 2H 2022
	Liver Cancer	Canada				• Trial in planning
Israel	Skin & Oral SCC					
	All Skin & Oral Cancers					• Trial completion and submission
	Ia/mHNSCC (combo with pembrolizumab)					• Feasibility combination trial with Keytruda initiated 4Q 2021; awaiting interim results
	Pancreatic Cancer					• Initiate feasibility trial 4Q 2022
	Breast Cancer					• Trial in planning
	Prostate Cancer					• Trial initiated 2Q 2022 – data ~2Q 2023
Europe	Skin Cancers					• Trials underway
	Pancreatic Cancer					• Trial in planning
Japan	Head & Neck SCC					• Potential PMDA submission in 3Q 2022
	Breast Cancer					• Trial underway
Additional Tumors	Hepatic Cell Carcinoma , GBM, lung					• Development / pre-clinical trials underway

# Types of Radioactive Decay

Due to the mass of the alpha particle, in comparison to beta particle, alpha has a low penetration power. This means that the outside layer of the human skin, for example, can block these particles.

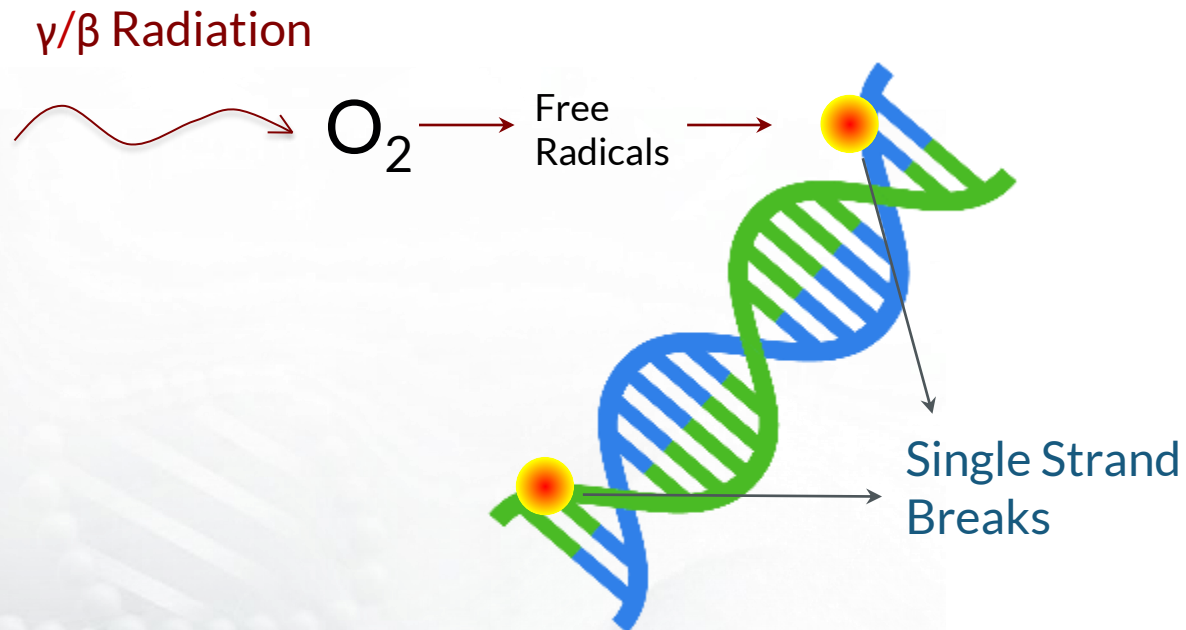


# Potent Alpha Radiation: Extensively Damages the DNA

Local radiation therapy with gamma or beta radiation is a mainstay of cancer treatment, but requires high local dose to be effective, as it primarily relies on single-strand breaks in a process relying on oxygen. Alpha radiation can be significantly more efficient given its ability to destroy both strands of the DNA directly, requiring lower levels of radiation

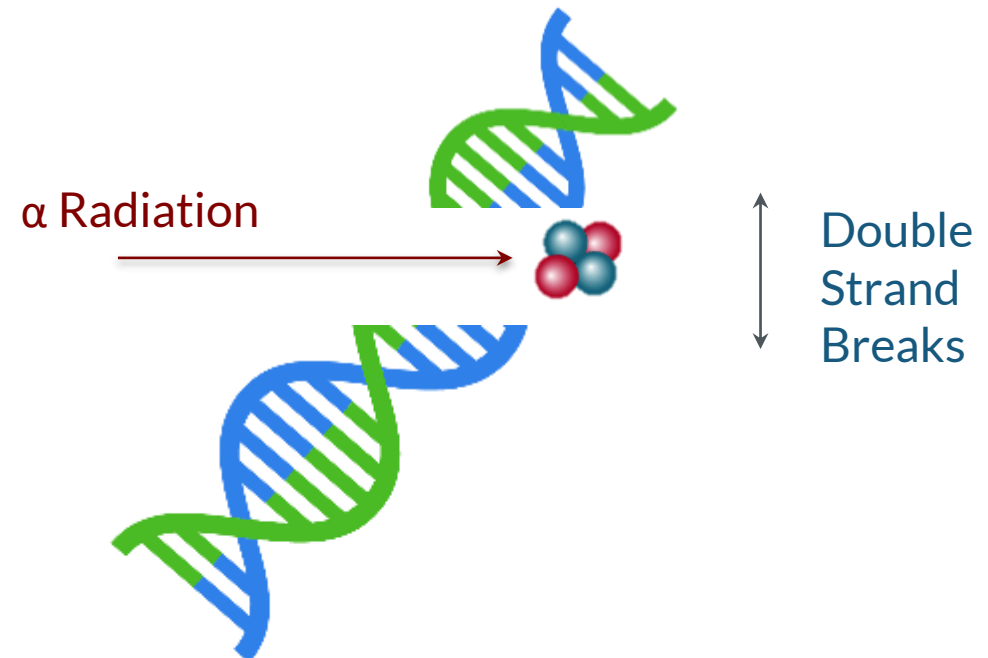
## Conventional Gamma/Beta Radiation

- Indirectly damaging the DNA
- Dependent on oxygen presence
- Repairable single strand breaks



## Alpha Radiation

- Directly damaging the DNA
- Independent of oxygen presence
- Irreparable double strand breaks

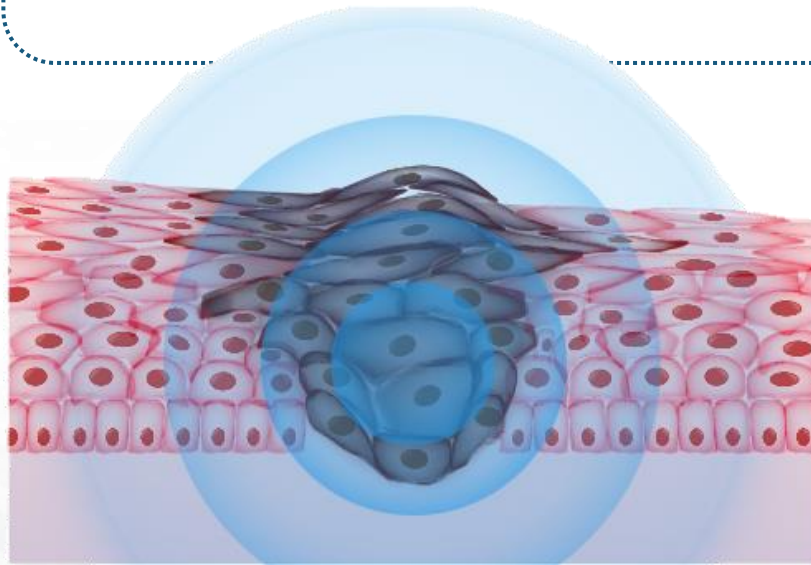


# Alpha Radiation is Focal - Short Range Limits Clinical Use

Whereas beta and gamma radiation can penetrate tissue with sufficient range to facilitate tumor coverage (while risking damage to healthy tissue), alpha radiation has short range in tissue (< 100  $\mu\text{m}$ ), which limits its clinical usefulness in local delivery

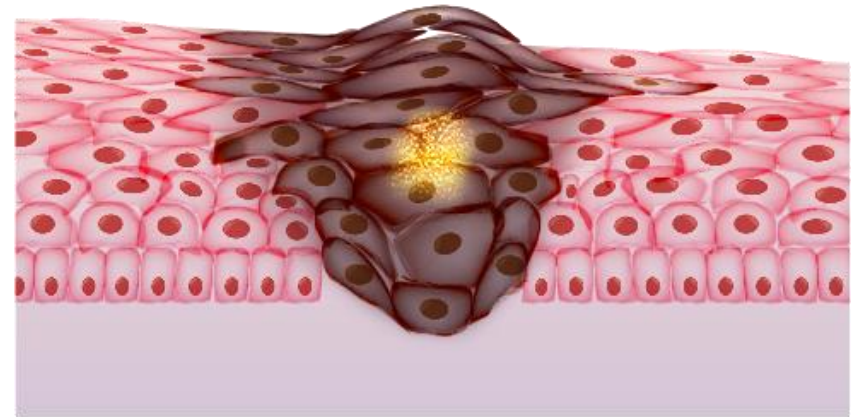
## Beta/Gamma Radiation

Long therapeutic range with risk to surrounding organs



## Alpha Radiation

Short range in tissue limits damage to surrounding organs but also limits coverage

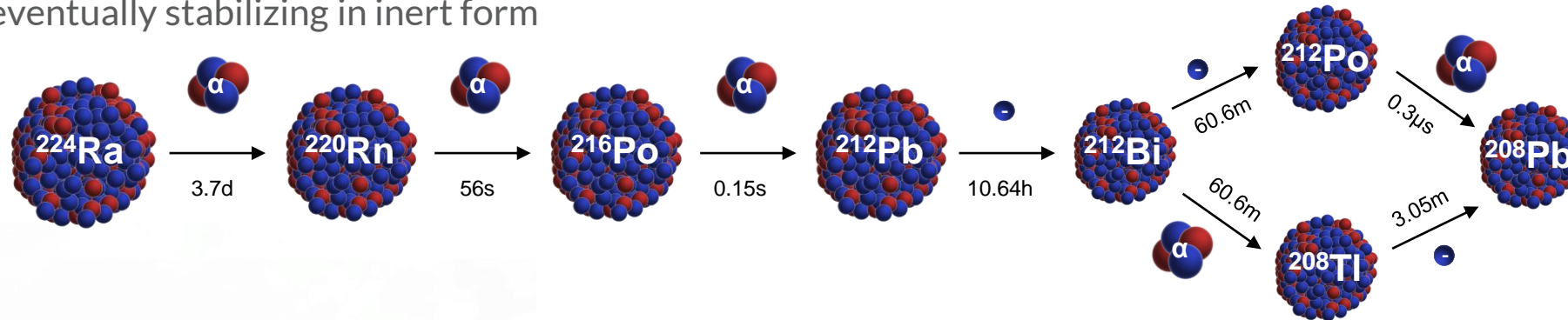




# Mechanism of Action of the Alpha DaRT Technology

## <sup>224</sup>Ra Decay Chain

- Alpha DaRT leverages the innate decay chain of Radium-224
- The decay chain of Radium-224 includes four alpha particles
- Radium-224 has a half-life of ~3.7 days, while the remaining decay chain has a total half-life of approximately 12 hours, before eventually stabilizing in inert form



## Alpha DaRT

- The Alpha DaRT utilizes stainless steel sources that are impregnated with Radium-224
- When the Alpha DaRT source is injected into the tumor, the radium remains attached to the source while its daughter atoms detach, emitting cytotoxic alpha particle payloads as they move deeper into the tumor until eventually stabilizing

Alpha DaRT is designed to overcome the range limitations of alpha particles through precise release of alpha emitters into the tumor, generating a potent and tight distribution of alpha radiation

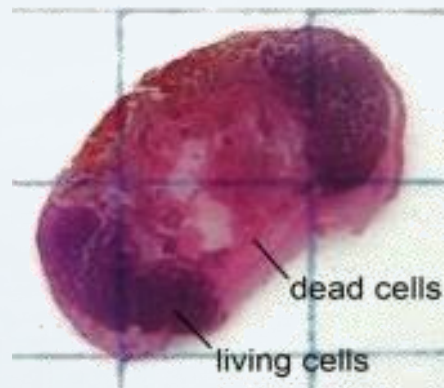
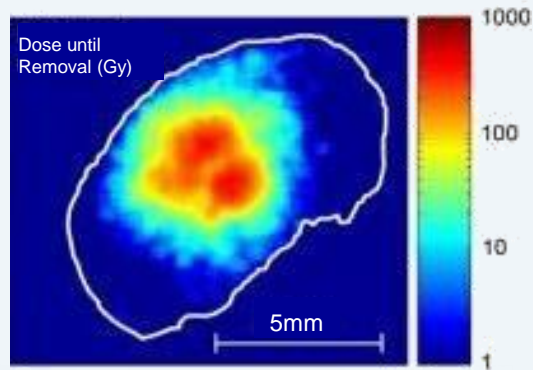
# Alpha DaRT - Diffusing Alpha-emitters Radiation Therapy

---

<https://www.youtube.com/watch?v=nwfzJHm0fTQ>

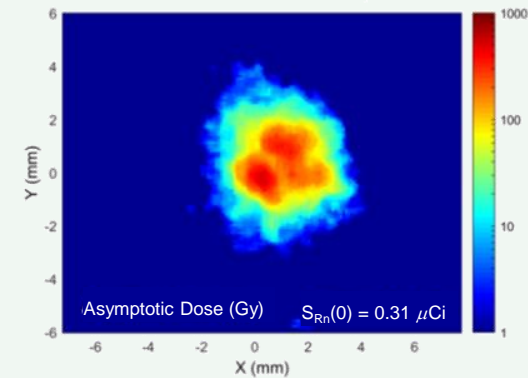
# Alpha DaRT Has a Unique Potential to Preserve Healthy Tissues

Alpha DaRT is unique in its potential to deliver a high dose of radiation in a very conformal form, with sharp dose drop-off outside of a 5mm range

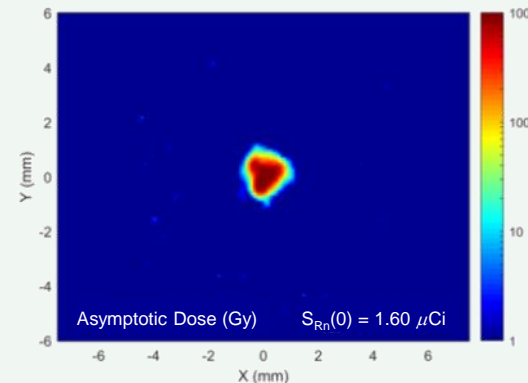


The range of the Alpha DaRT was observed to be meaningfully more extensive in tumor tissue than in healthy tissue in animal studies

Diffusion in SCC

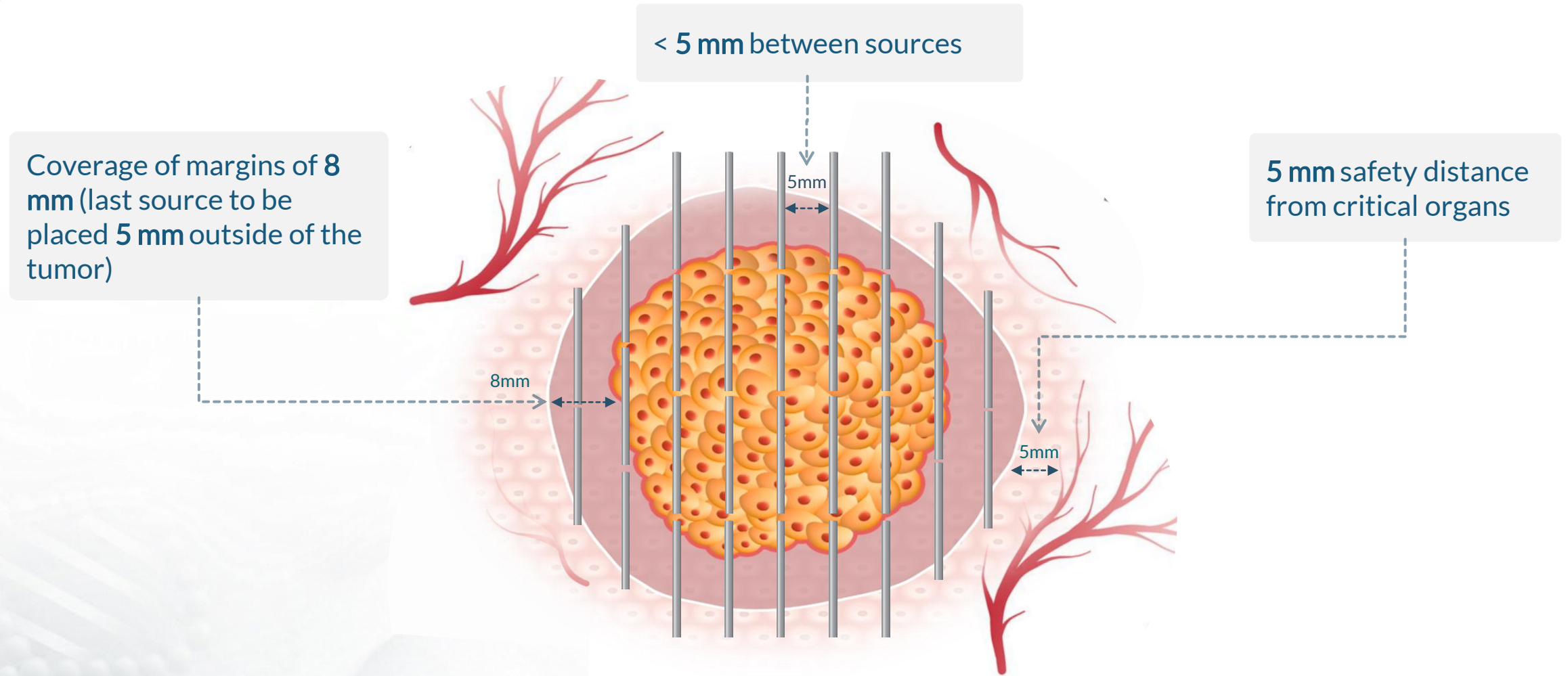


Diffusion in healthy tissue



# Alpha DaRT Source Placement

Through a series of Alpha DaRT injections to the tumor, spread a few millimeters apart, a clinician can potentially deliver alpha radiation to the full geometry of the tumor while taking care to avoid sensitive healthy tissue around the tumor



# Intra-tumoral Delivery Methods

We Have a Total of Seven Applicators Which Have Been Developed for a Range of Potential Uses to Accommodate for:

Treatment Delivery Method

Duration of Implantation

Tumor Location

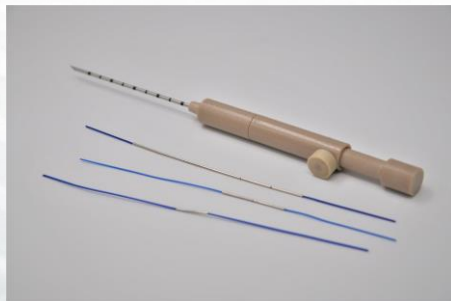
Our Applicators Allow Us Flexibility to Deliver Alpha DaRTs Into Both Superficial and Internal Tumors

## Temporary Implants (Superficial Tumors)

*Applicators are supplied preloaded, sealed and designed for immediate use in the procedure room*

*Sources are hollow and strung onto a surgical suture, allowing the clinician to insert the sources into the tumor and leave the suture in place*

Alpha DaRT Needle Applicator



Needle Applicator in Action

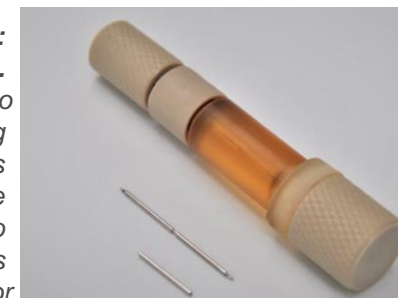


**Example Indication: Superficial Tumors.**  
*sources are affixed to a biocompatible suture and loaded inside the needle*

## Permanent Implants (Internal Tumors)

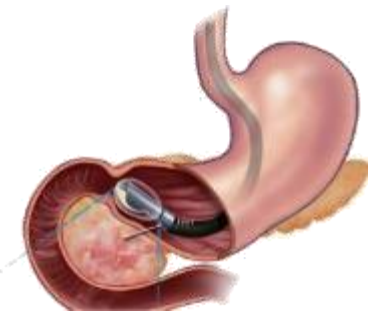
*Applicators are supplied preloaded or unloaded, and are designed to allow clinicians flexibility to load the sources in the course of treatment and to select how many sources to deliver*

Loading Device



**Example Indication: Pancreatic Tumors.**  
*Device is designed to be fitted to existing needles such as standard Fine Needle Aspirator (FNA) to ultimately deliver sources into the tumor*

Procedure: FNA in Conjunction with Endoscopic Ultrasound





# Response Observed in All Tested Solid Tumors in Preclinical Studies

18 Published Preclinical Studies in Peer-Reviewed Journals

Across a variety of tumor types, we have not observed resistance to the radiation delivered by the Alpha DaRT

Squamous Cell Carcinoma

Colon Carcinoma

Lung Adenocarcinoma

Glioblastoma Multiforme

Lung Squamous Cell Carcinoma

Sarcoma

Pancreas Adenocarcinoma

Melanoma

Prostate Adenocarcinoma

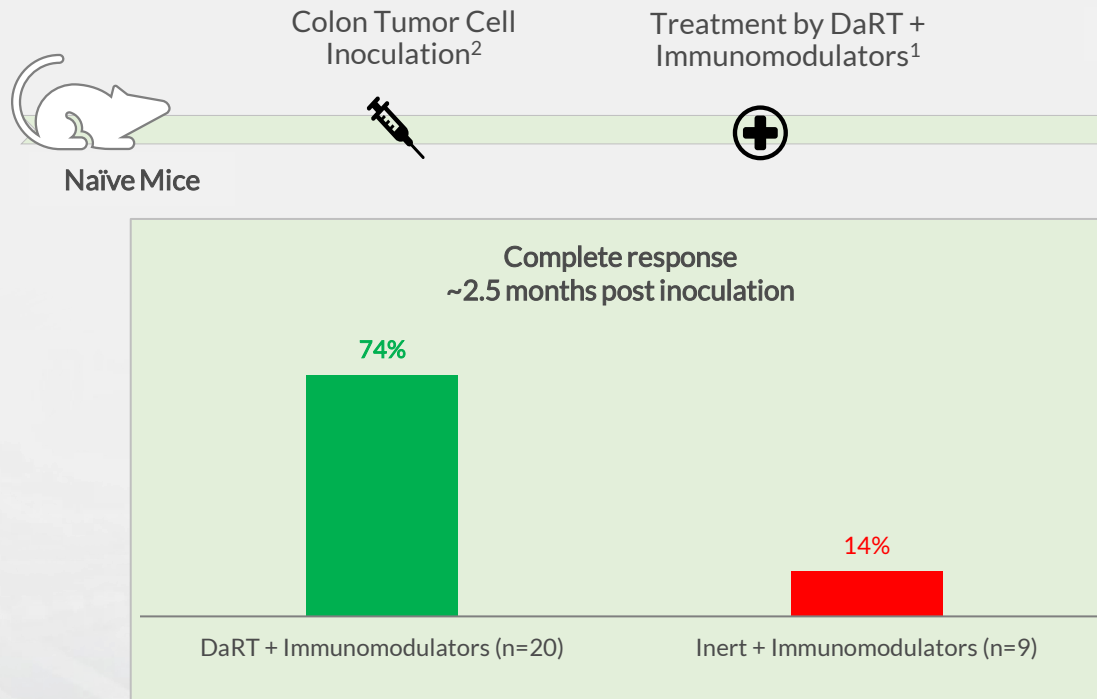
Breast Carcinoma



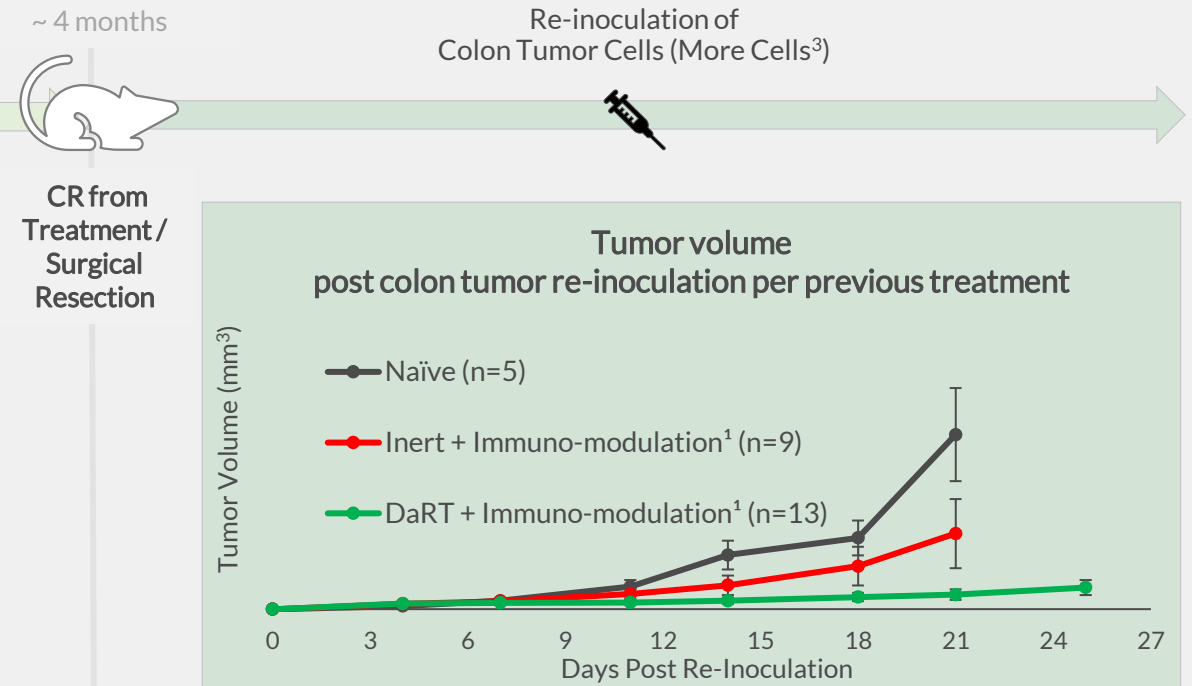
# Observed Cancer-Specific Immune Protection (1/2)

In challenging mice 4 months after treatment, those previously treated by the Alpha DaRT displayed a meaningful retained protection against regrowth of the same tumor type, as compared to the two control groups

## Tumor Treatment by DaRT + Immunomodulators<sup>1</sup>



## Tumor Re-Inoculation after Treatment by DaRT + Immunomodulators vs. Inert<sup>1</sup>

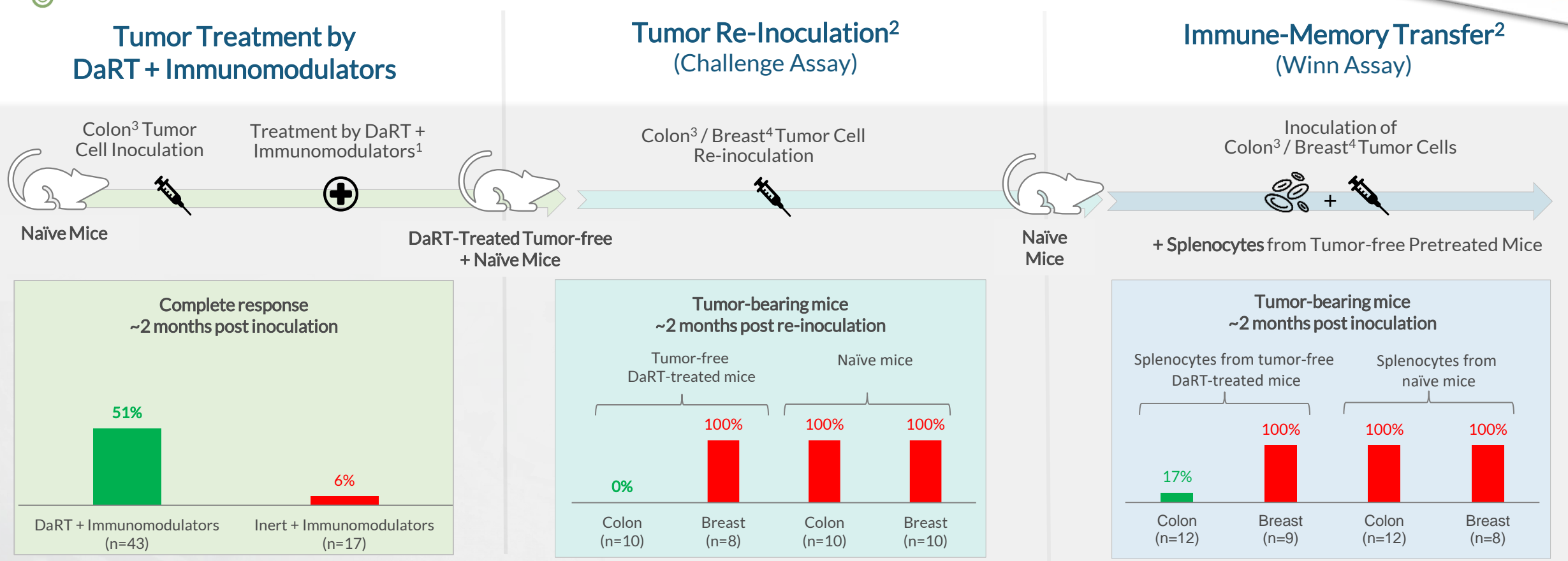


(1) Three groups of mice were inoculated with  $5 \times 10^5$  CT26 tumor cells and then treated with (1) DaRT + CP, Sildenafil and 2xCpG, N=10 (2) DaRT + CP, Sildenafil and CpG, N=10 or (3) inert + CP, Sildenafil and 2xCpG, N=9. Complete responders or tumor-resected mice were re-challenged ~4 months after DaRT with  $5 \times 10^6$  CT26 tumor cells.  
 (2)  $CT26 \ 5 \times 10^5$ .  
 (3)  $CT26 \ 5 \times 10^6$ .

# Observed Cancer-Specific Immune Protection (2/2)

This activity was then shown to be tumor-specific – the challenge only resisted regrowth of the same tumor line. It was also shown to be transferrable via the transfer of splenocytes

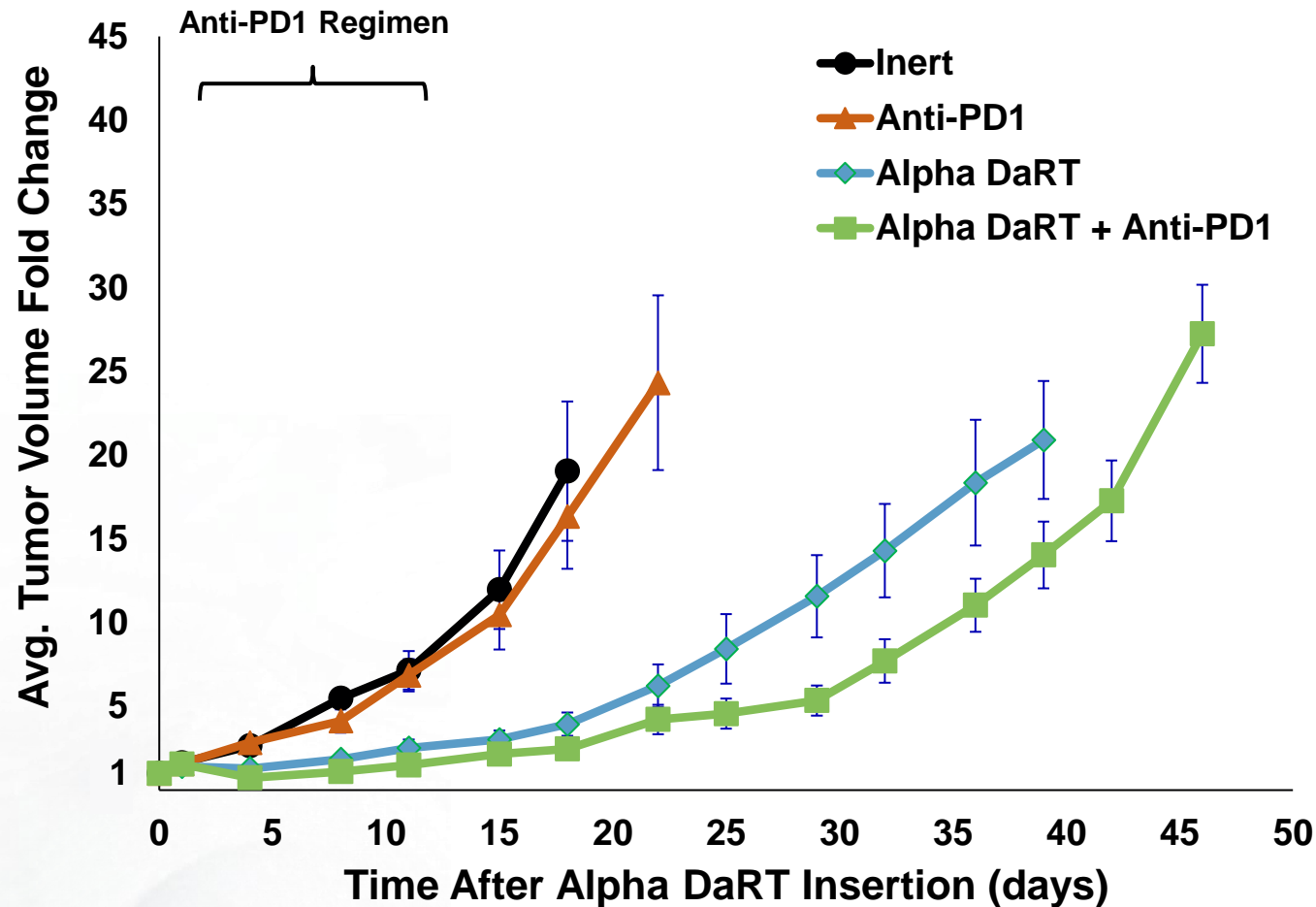
Combining alpha radiation-based brachytherapy with immunomodulators promotes complete tumor regression in mice via tumor-specific long-term immune response  
 Vered Domankevich, Adi Cohen, Maroalit Efrati, Michael Schmidt, Hans-Georg Rammensee, Sujit S. Nair, Ashutosh Tewari, Itzhak Kelson & Yona Keisari



(1) Immuno-modulation refers to a combination of low dose CP, Sildenafil and CpG.  
 (2) Mice with CR from DaRT + immuno-modulators (n = 18) and naïve mice (n = 20) were inoculated with 5 x 10<sup>5</sup> CT26 or DA3 cells 52 days post inoculation (Challenge Assay). Naïve mice were injected intradermally with splenocytes from either naïve or CT26-bearing mice treated by DaRT and immunomodulators, coupled with CT26 or DA3 tumor cells (Winn assay). The presented results are based on cumulative data from two different experiments.  
 (3) CT26 5 x 10<sup>5</sup>.  
 (4) DA3 5 x 10<sup>5</sup>.

# Alpha DaRT Elicits Effect from anti-PD1 in SCC Mouse Model (SQ2)

While mice with the SQ2 squamous cell carcinoma model showed little to no effect when treated with a murine anti-PD1 agent, the observed effect was larger for the combination with Alpha DaRT than for Alpha DaRT on its own

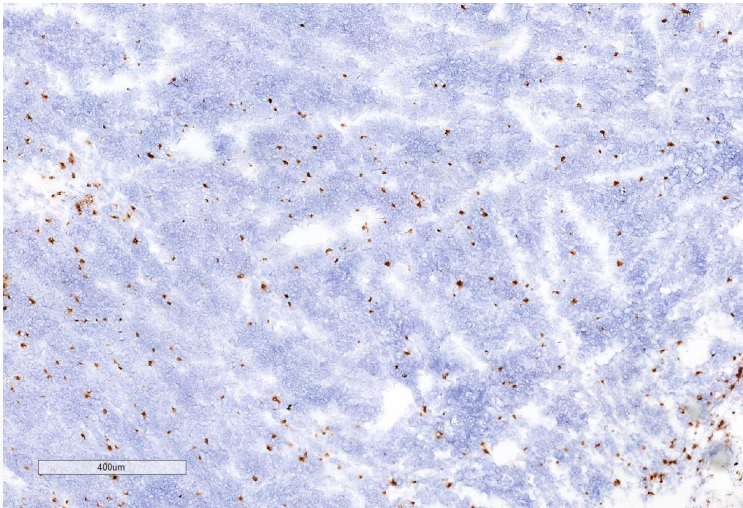




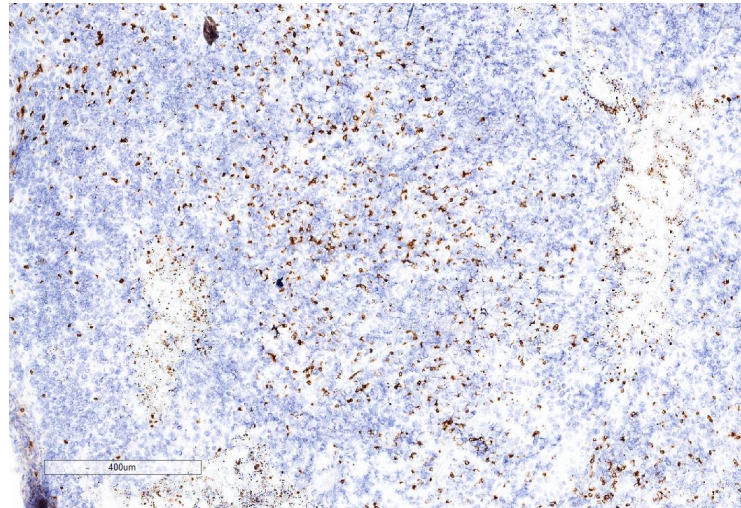
# Alpha DaRT Increases Infiltration of CD3+ T-cells Into the Tumor

The combination of Alpha DaRT with anti-PD1 demonstrates the highest level of TILs in mice with SQ2 SCC tumors, potentially indicating an ability to potentiate the checkpoint blockade

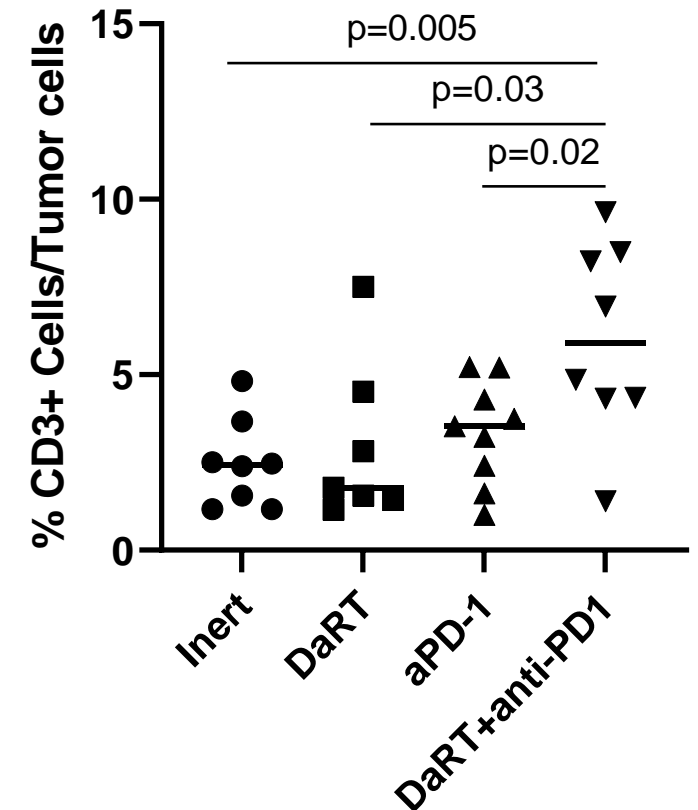
anti PD-1



Alpha DaRT + anti PD-1



### TILs in SQ2 tumors





# Outline of Our First Clinical Study: Skin / Head & Neck SCC

*Trial Sites: Israel, Italy*

Primary objective: Evaluate feasibility & safety

Secondary objective: Evaluate initial tumor response & local progression-free survival

## Key Eligibility Criteria



**SCC** histopathologically confirmed

**Lesions**  $\leq 5$  cm\*

**Age**  $\geq 18$

**ECOG performance scale**  $\leq 2$

**Patients** W/O immunosuppression

Generally **previously treated by radiation or surgery, recurrent**

## Treatment & Procedure



**Treatment plan** based on CT-simulation

**Sources** 1cm length, 0.7mm diam.

**Activity per source** 2  $\mu$ Ci

**Outpatient** setting

**Local** anesthesia

**Number of sources** inserted: min 3, max 169

## Timeline and Follow-Up



**Alpha DaRT** sources insertion

**Removal** after 15 days

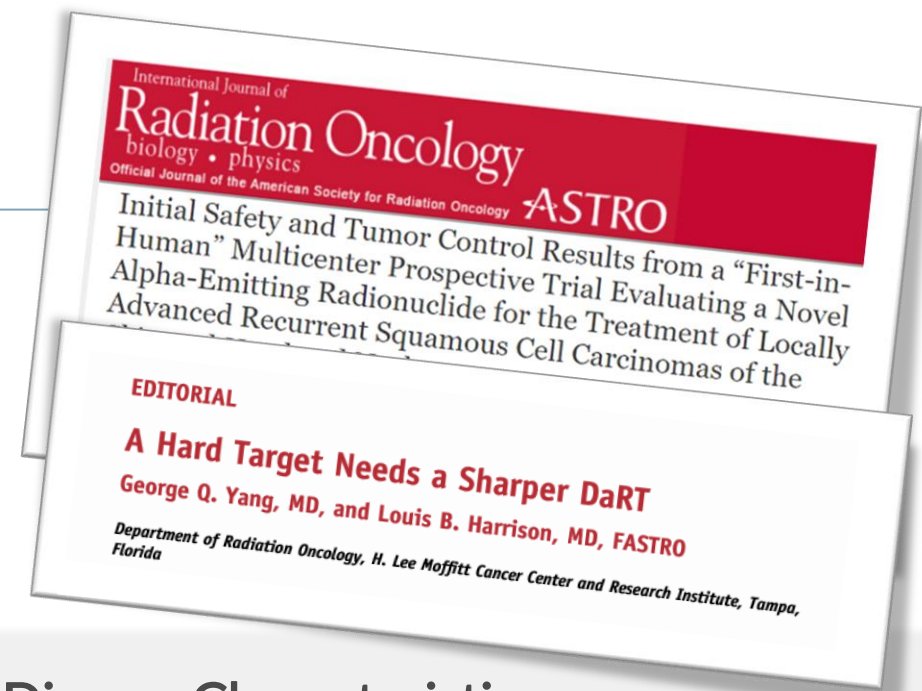
**Check-up** on days 4, 9 and 30 after insertion

**Long term** follow up based on standard of care

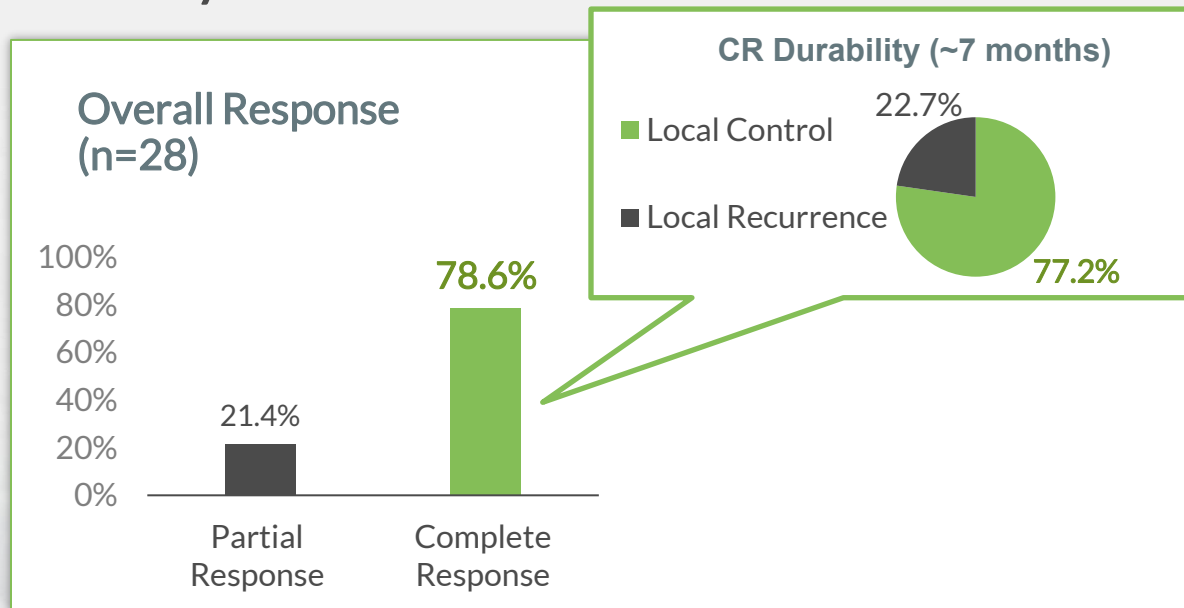
\*in the longest diameter (without nodal spread).

# Skin / Head & Neck SCC Study Results

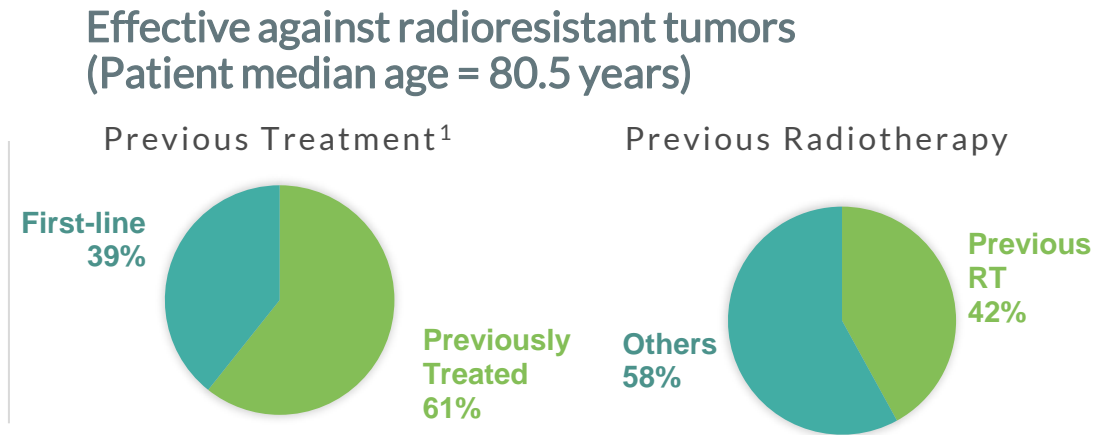
- 100% overall response rate
- Durable responses observed
- Responses observed within days
- Well tolerated; no systemic toxicity observed



## Efficacy Results



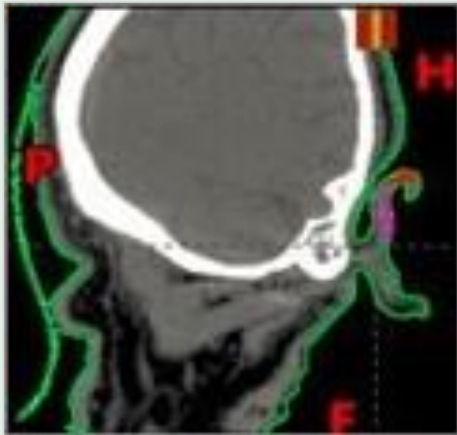
## Baseline Disease Characteristics



<sup>1</sup>Most patients (60.7%) had recurrent and previously treated disease by either surgery, prior external beam radiotherapy or both; 13 of 31 (42%) had received prior RT.

# AP-02 Complete Response

Age	80	Applicators used	6
Previous treatments	Radiation, Surgery	Alpha DaRT sources inserted	10
Tumor initial volume [cm <sup>3</sup> ]	1.4	Total activity [μCi]	20



**Planning**



**Before**  
21-Mar-2017



**During**  
21-Mar-2017



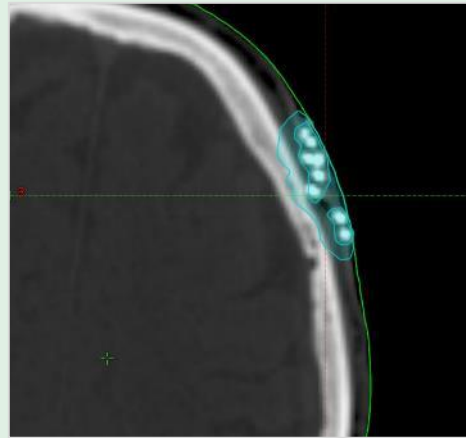
**After**  
01-Jun-2017

# AP-022 Complete Response

Age	68	Applicators used	12
Previous treatments	None	Alpha DaRT sources inserted	24
Tumor initial volume [cm <sup>3</sup> ]	2.8	Total activity [μCi]	48



**Before**  
27-Aug-2018



**During**  
30-Aug-2018



**During**  
30-Aug-2018



**After**  
30-Sep-2018



# Alpha DaRT Treatment was Well Tolerated

No systemic toxicities and minimal ( $\leq$  grade 2) local toxicities observed to date



## Targeted treatment

Designed to spare neighboring healthy tissue



## No systemic toxicity observed

Negligible and short-term radioactivity in the patient's body



## Minimal local toxicity observed

Minimal local toxicity with grade  $\leq 2$  resolved within a month



## Safe procedure for caregivers

No special shielding required



## No suppression of immune system observed

Critical in these times of pandemic

Acute Local Toxicity	Incidence (%)		
	Severity Grade		
	1	2	3
Administration site erythema	11 (41%)	9 (33%)	0 (0%)
Administration site edema	9 (33%)	10 (37%)	0 (0%)
Administration site pain	8 (30%)	11 (41%)	0 (0%)
Administration site exudate	2 (7%)	8 (30%)	0 (0%)
Administration site ulcer	4 (15%)	5 (19%)	0 (0%)
Administration site numbness	1 (4%)	0 (0%)	0 (0%)
Administration site pruritus	3 (11%)	0 (0%)	0 (0%)
Administration site bleeding	1 (4%)	0 (0%)	0 (0%)
Aural myiasis (administration site)	1 (4%)	0 (0%)	0 (0%)
Decreased appetite	1 (4%)	0 (0%)	0 (0%)



# Potential Systemic Immune Effect Observed in One Patient Where a Second, Untreated Lesion Manifested CR

✔ Complete Response + Potential Systemic Immune Effect



## Treated Tumor

Before

30-Nov-17



After

29-Dec-17



## Untreated Tumors

Before

30-Nov-17

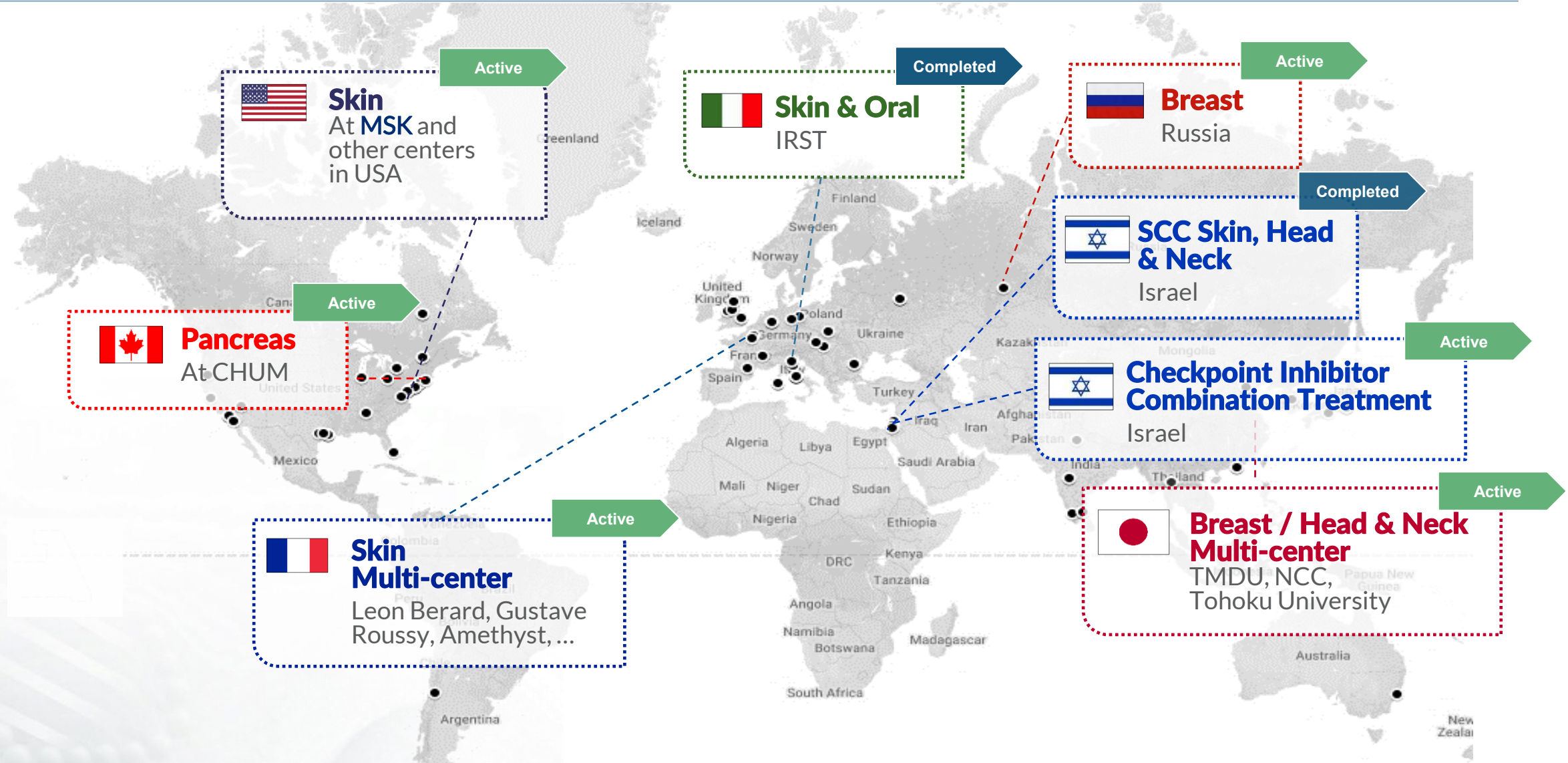


After

29-Dec-17



# Seeds of Hope Worldwide – Selected Current Clinical Trials



# U.S. Pilot Feasibility Study – Trial Design

- FDA Breakthrough Device Designation received in June 2021



Locations	5 centers in the US, led by Memorial Sloan Kettering Cancer Center
Treatment Timeframe	H2 2021
# of Patients	10
Tumor Type	Skin Cancers
Primary Objectives	Determine feasibility of delivering radiotherapy using Alpha DaRT, with successful delivery in at least 7 patients, and assess frequency and severity of acute AEs
Secondary Objectives	Assessments of radiotherapy-related AEs, tumor response, radiation safety, stability of device placement, and QoL
Eligibility	Malignant skin or superficial soft tissue tumor 1-5 cm in size that is suitable for percutaneous interstitial brachytherapy

# Case Study - 77 Y/O with Recurrent BCC on the Nose



Prior treatments: Surgery (2005)

## Tumor Size:

Longest diameter 1.59 cm

Depth 0.5 cm

Volume 0.65 ml

## Alpha DaRT Treatment:

Applicators used 15

Alpha DaRT sources inserted 20

Total activity [ $\mu\text{Ci}$ ] 40



# Case Study - 77 Y/O with Recurrent BCC on the Nose

## Results



**Simulation Day**



**Insertion Day**



**Removal Day**  
15 days



**Complete Response**  
12 weeks

# U.S. Pilot Feasibility Study – Safety Results

- Twenty-two (22) total adverse events (AEs) were reported in 7 subjects
- Most AEs were of mild or moderate severity
- Two (2) serious AEs (SAEs) in a single subject – **both not related to study device or procedure**

## Number of Subjects with Procedure- or Device-Related\* Adverse Events by Severity Grade

Adverse Event	Severity Grade		
	1	2	3
Dermatitis radiation	2	1	0
Localized edema	1	0	0
Joint range of motion decreased	0	1	0
Pain	0	1	0
Pruritis	2	0	0
Wound infection	0	1	0

Note: Adverse events are presented according to CTCAE V5 coded terms.

\* Probably or possibly related

# U.S. Pilot Feasibility Study – Efficacy Results

---



All 10 subjects achieved a **complete response (CR)** at the 12-week follow-up visit



There were **no reported relapses** of disease by the final study visit at 24 weeks

# Outline of Our Multicenter Pivotal Recurrent SCC study

- **Primary / safety objectives:**
  - ORR based on Best Overall Response
  - DOR 6 months after initial response
  - Assess the safety based on statistics of device-related AEs (per CTCAE v5)
- **Secondary objectives:** Evaluate O-DOR, local control, PFS and OS (all up to 12 months), and QoL Metrics

## Key Eligibility Criteria



**Recurrent** non-metastatic cutaneous **SCC**

Patient with **no curative standard-of-care options**

No **previously untreated SCC**

**Sample size** N = 86 patients

## Treatment and Procedure



**Treatment plan** based on CT-simulation

**Sources** 1cm length, 0.7mm diam.

**Activity per source** 3  $\mu\text{Ci}$

**Local** anesthesia

## Timeline and Follow-Up



**Alpha DaRT** sources insertion

**Removal** after 14 to 21 days

Weekly **follow-up** during the treatment period

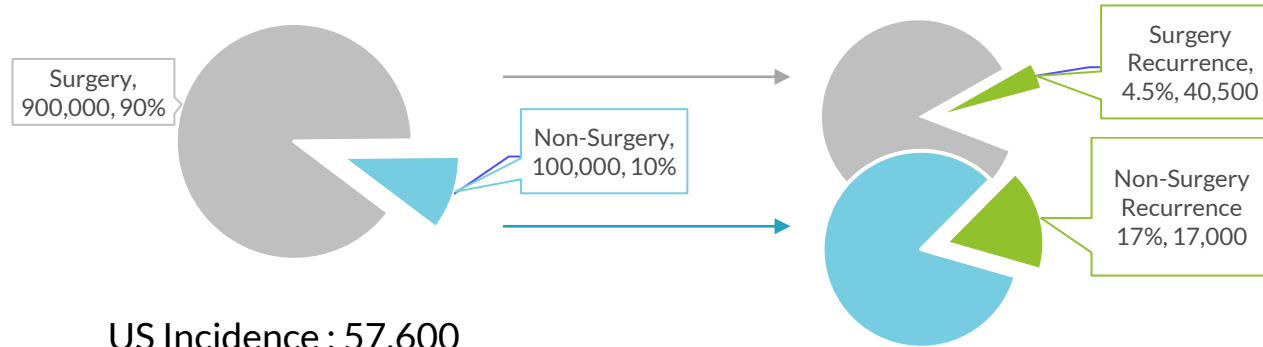
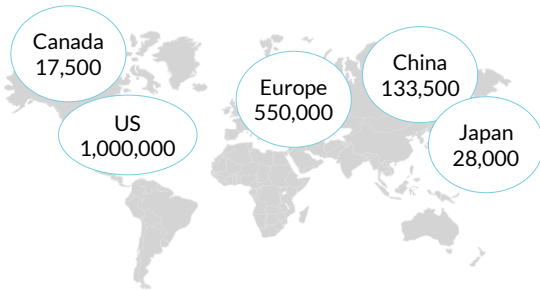


# Applicable Market Size – Estimates of Annual Incidence Data

## SCC / H&N Annual Incidence

US Incidence: ~1 million

US Applicable Mkt. Size

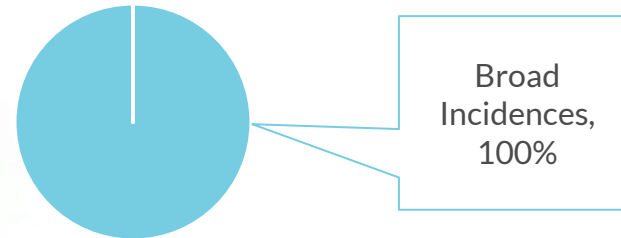
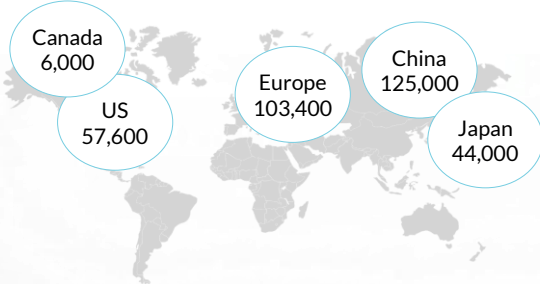


1L: 100,000  
2L: 57,500

## Pancreas Annual Incidence

US Incidence: 57,600

US Applicable Mkt. Size

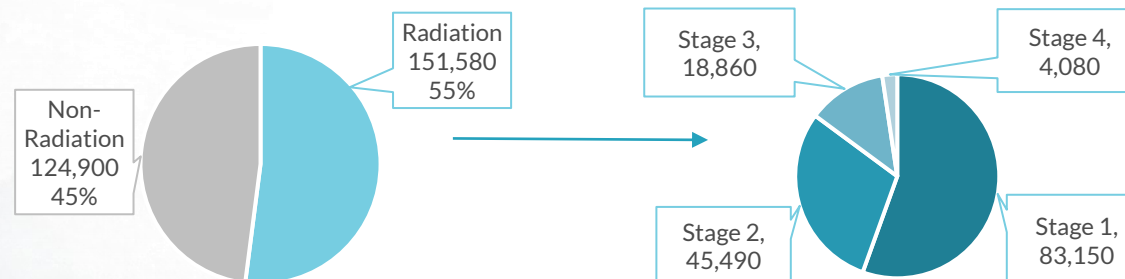
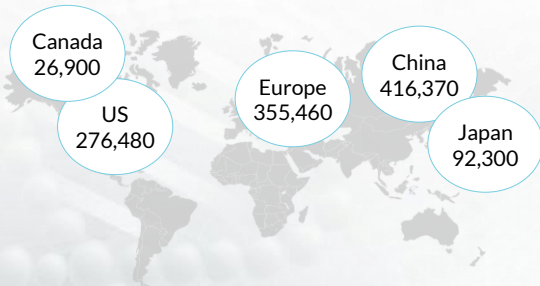


57,600

## Breast Annual Incidence

US Incidence: 276,480

US Applicable Mkt. Size

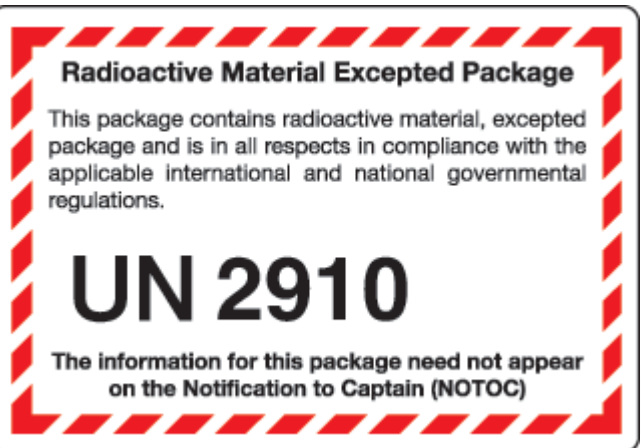


151,580

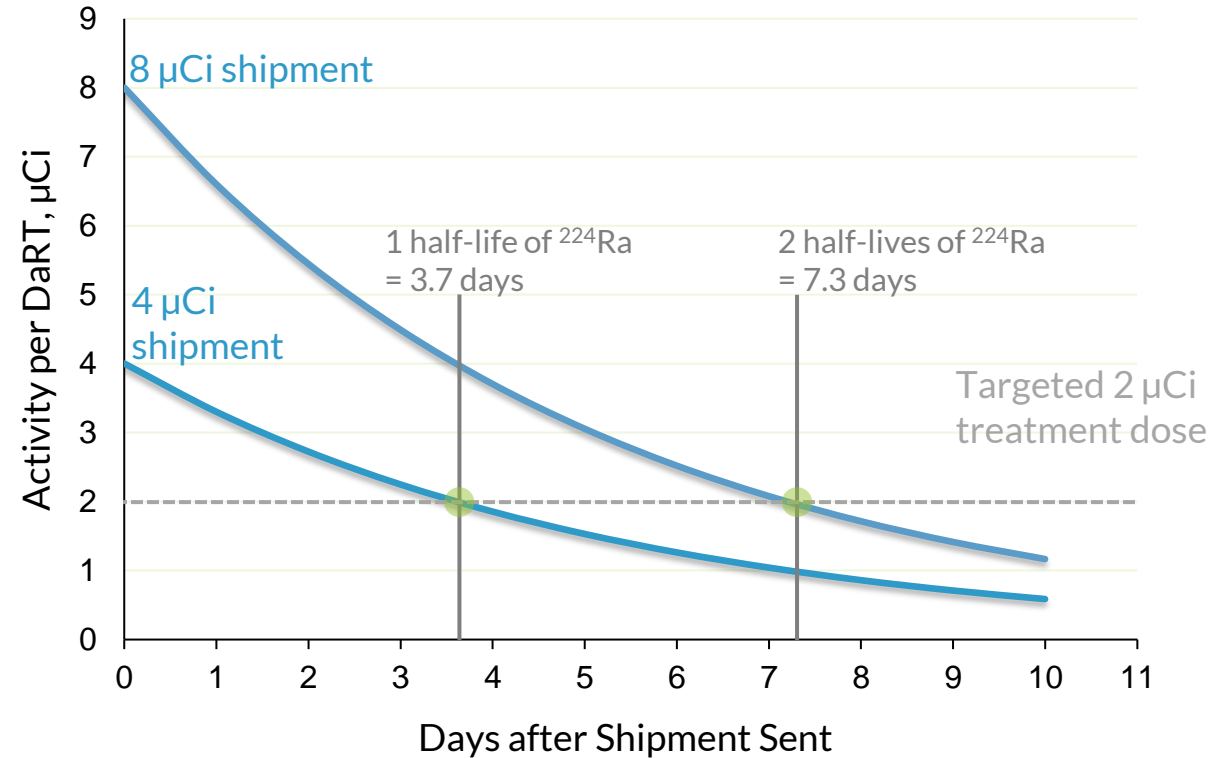
# Simple Radioactive Supply Chain

Delivery does not require any special handling and simple planning ensures on-time arrival

Alpha DaRT is shipped in Excepted Packages (low levels of radioactivity), and can therefore be dispatched in suitable applicators by standard courier, requiring no special handling or protective gear in transit



## Alpha DaRT Radioactive Decay



**Personalized treatment, shipped out on a per-patient basis**  
Simple planning ensures that an Alpha DaRT arrives with the required amount of  $^{224}\text{Ra}$  available, even when allowing for radioactive decay, based on the known half-life of the  $^{224}\text{Ra}$

# Global Manufacturing Facilities

For efficient commercial operations, we look to establish manufacturing operations in multiple regions of the world, to enable relatively short shipping times to our core markets



Lawrence, Massachusetts  
(~125,000 sources per year  
- *Ramping Up*)



Jerusalem  
(~400,000 sources per year - *Ramping Up*)

Togane, Japan  
(*In Design*)



# The Alpha Tau Executive Team

Strong management team with years of experience across the scientific and medical device space



**Uzi Sofer**  
CEO & Chairman

- Co-Founder and CEO of BrainsWay (NASDAQ: BWAY)
- Medical device development, regulation, financing



**Raphi Levy**  
Chief Financial Officer

- Former executive director in charge of healthcare investment banking in Goldman Sachs Israel



**Prof. Itzhak Kelson**  
Chief Physics Officer

- Co-inventor of DaRT technology
- Emeritus professor of physics (taught at Tel Aviv University, Yale University, Weizmann Institute etc.)



**Prof. Yona Keisari**  
Chief Scientific Officer

- Co-inventor of DaRT technology
- Professor of Immunology and Microbiology at Tel Aviv University, former NCI Post Doc Fellow



**Robert Den, MD**  
Chief Medical Officer

- Radiation oncologist and Associate Professor at Thomas Jefferson University Hospital
- Medical degree from Harvard Medical School



**Amnon Gat**  
Chief Operations Officer

- >20 years experience in medical devices and healthcare
- Marketing strategy specialist



**Ronen Segal**  
Chief Technology Officer

- >20 years of top leadership roles, including medical device industry
- Chairman of the BSMT Consortium



# Board of Directors

Diverse mix of cancer therapeutic, medical device and financial expertise providing value-added oversight and guidance to corporate leadership



**Uzi Sofer**  
CEO & Chairman

- Co-Founder and CEO of BrainsWay (NASDAQ: BWAY)
- Medical device development, regulation, financing



**Michael Avruch**  
Director

- Expert in financing and restructuring
- CEO & CFO experience



**Morry Blumenfeld**  
Director

- Former managing director at GE Healthcare, CEO of Quescon Consultants, Founding partner of Meditech Advisors Management, director at Mako



**Meir Jakobsohn**  
Director

- Founder of Medison Ltd.,
- Representing Amgen, Biogen, etc. for the marketing and distribution of their products



**Alan Adler**  
Director

- 14 Years at McKinsey
- Senior Partner Evergreen Venture Capital
- Chairman and CEO of Oridion until its sale to Covidien



**Peter Melnyk**  
Director

- Former Chief Commercial Officer at Novocure
- CEO of Fortovia Therapeutics
- Former Neuroscience marketing director at Bristol-Myers Squibb



**Ruth Alon**  
Director

- Former founder/chair, Israel Life Science Industry
- Former/current board/chair of multiple companies, e.g., Brainsgate, Vascular Biotech
- Former GP, Pitango VC



**Dr. David M. Milch**  
Director

- Former HCCC Chairman
- Active medical investor
- MD from Harvard Medical School

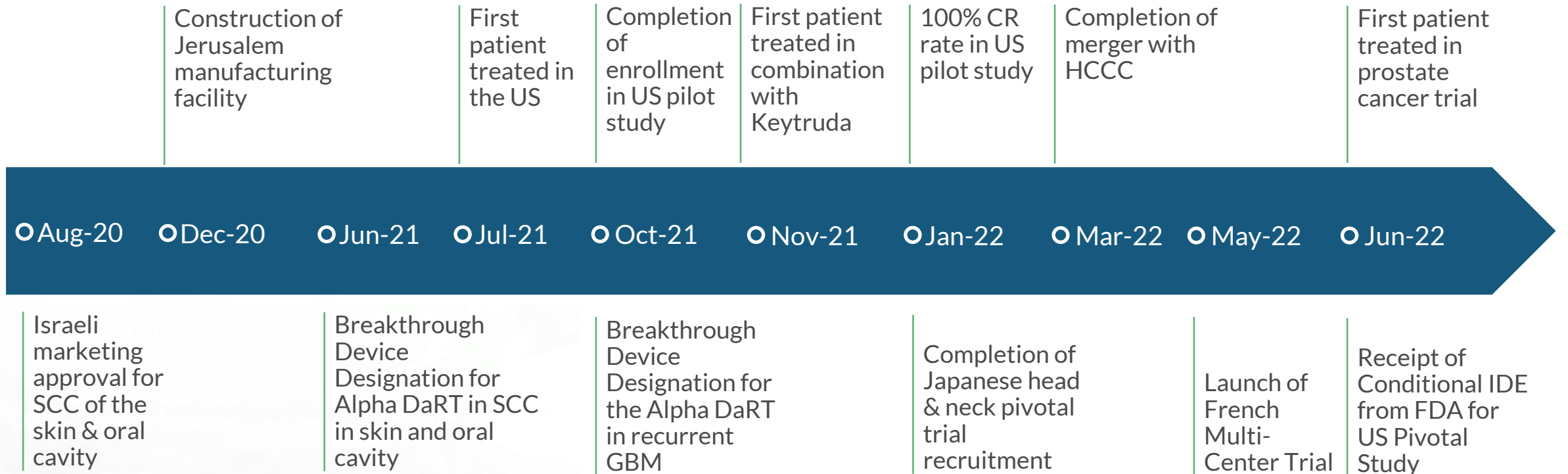
Significant Industry Experience:



McKinsey & Company



# Continued Track Record of Execution



# Anticipated Milestones

Geography	Indication	2H 2022	1H 2023	2H 2023
North America	Recurrent Cutaneous SCC (United States)	First patient treated in multi-center pivotal trial		Completion of multi-center pivotal trial recruitment
	Pancreatic Cancer (Canada) <i>(Tentative)</i>	First patient in feasibility trial	Interim read-out of feasibility trial	
Israel	Prostate Cancer		Read-out of prostate cancer trial data	
	Pancreatic Cancer	Initiate feasibility trial		
Japan	Head & Neck SCC	Potential submission of pivotal trial for PMDA review	Potential PMDA approval	

Clinical / Enrollment

Regulatory



# AlphaTAU

Saving Lives Globally

