

# Novocure

October 2024



# forward-looking statements

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The statements contained in this presentation are made as at the date of this presentation, unless some other time is specified in relation to them, and service of this presentation shall not give rise to any implication that there has been no change in the facts set out in this presentation since such date. Nothing contained in this presentation shall be deemed to be a forecast, projection or estimate of the future financial performance of Novocure, except where expressly stated.

As of the date of this presentation, Optune Gio is FDA-approved for the treatment of adults with supratentorial glioblastoma (GBM). Optune Lua is FDA-approved for the treatment of adult patients with metastatic non-small cell lung cancer (mNSCLC) and for the treatment of adults with malignant pleural mesothelioma or pleural mesothelioma (MPM), respectively, and the approval for use in other indications is not certain. Novocure can provide no assurances regarding market acceptance of Optune Gio or Optune Lua or their successful commercialization and can provide no assurances regarding the company's results of operations or financial condition in the future. This presentation is for informational purposes only and may not be relied upon in connection with the purchase or sale of any security.

# 2023 achievements and 2024 milestones ahead

## DRIVING COMMERCIAL ADOPTION

## ADVANCING CLINICAL TRIALS

## DELIVERING PRODUCT INNOVATION

### 2023 ACHIEVEMENTS

**France** reimbursement achieved and launch

**LUNAR** data presented  
**LUNAR** U.S. FDA PMA, CE Mark and Japanese PMDA submitted  
**METIS** enrollment completed  
**PANOVA-3** enrollment completed  
**TRIDENT** last patient enrolled\*

**New array** launched in Europe  
**New array** FDA PMA supplement submitted

### 2024 EXPECTED MILESTONES

**LUNAR** regulatory approval  
**NSCLC** launch

**METIS** top-line data released  
**PANOVA-3** top-line data  
**LUNAR-2** open and enrolling  
**KEYNOTE D58** IND approved

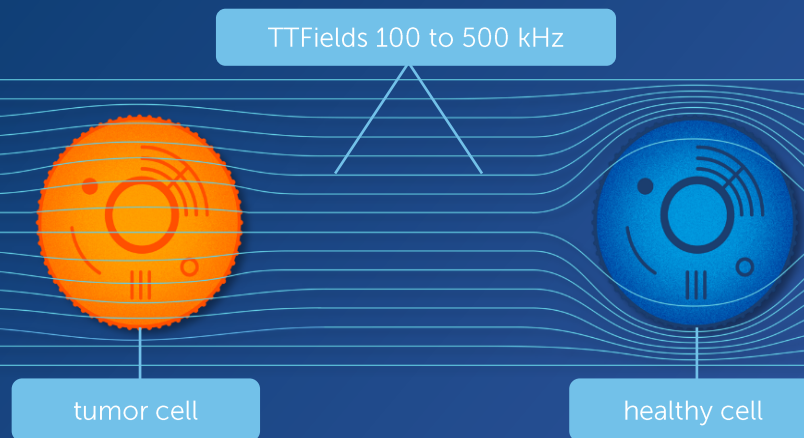
**New array** U.S. approval and launch

together with our patients,  
we strive to extend survival  
in some of the most  
aggressive forms of cancer



# Tumor Treating Fields (TTFields) are selectively tuned electric fields that exert physical forces to kill cancer cells

**TUNED ELECTRIC FIELDS DISRUPT PROTEINS DURING CELL DIVISION  
CAUSING CANCER CELL DEATH**



# Optune Gio® wearable cancer therapy system

**DELIVERS CONTINUOUS TUMOR TREATING FIELDS  
THERAPY TO SOLID TUMORS**



**TWO PRIMARY COMPONENTS**  
electric field generator  
and transducer arrays



# strategy for long-term growth



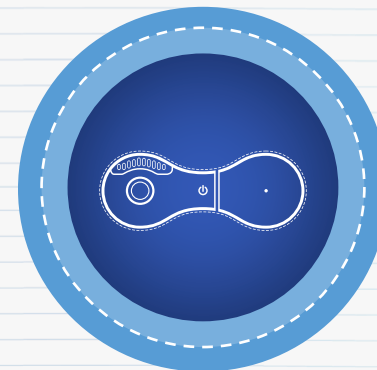
**drive commercial  
adoption**

in approved  
indications



**advance  
clinical trials**

to reach new patient  
populations



**deliver  
product innovation**

to increase dose and  
duration of therapy

# three focused objectives in 2024

**GROW GBM**

**LAUNCH LUNG**

**DELIVER PIPELINE**





# Optune Gio: established in glioblastoma



\$500M+

ANNUAL NET REVENUE (2023)

4,113

ACTIVE PATIENTS ON THERAPY\*

NCCN Category 1

GUIDELINE RECOMMENDATION

30-40%

PENETRATION IN KEY COUNTRIES

reimbursement

ACROSS MAJOR GLOBAL MARKETS

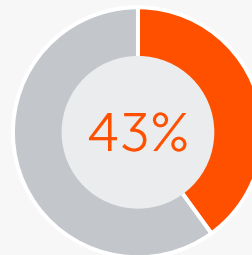
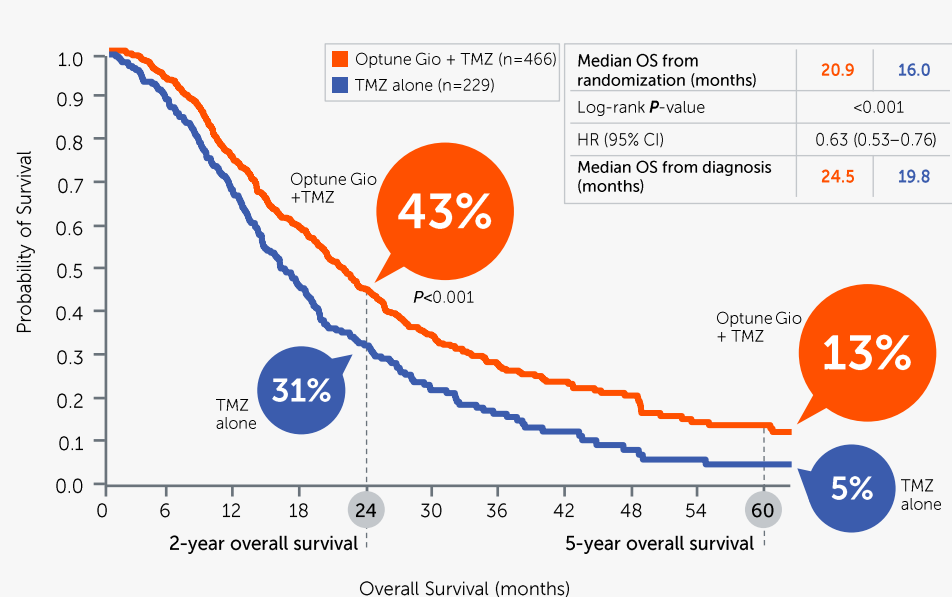
robust intellectual  
property

PORTFOLIO WITH MATERIAL  
PRODUCT DEVELOPMENTS

# Optune Gio is proven to extend patient survival

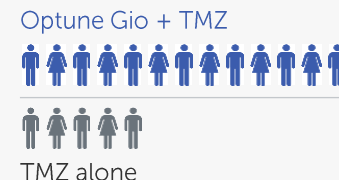
## EF-14 PHASE 3 PIVOTAL STUDY IN NEWLY DIAGNOSED GBM

Overall survival (5-year survival analysis)



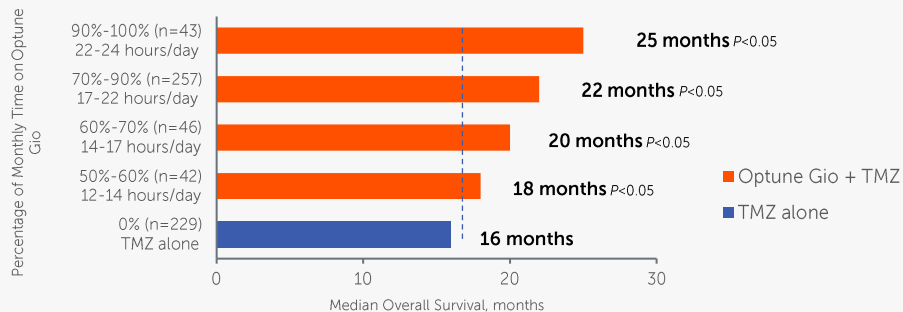
**NEARLY HALF**  
of people using  
Optune Gio + TMZ  
**ALIVE AT 2 YEARS**

**BETTER** 13%  
survival at  
**5 YEARS** 5%

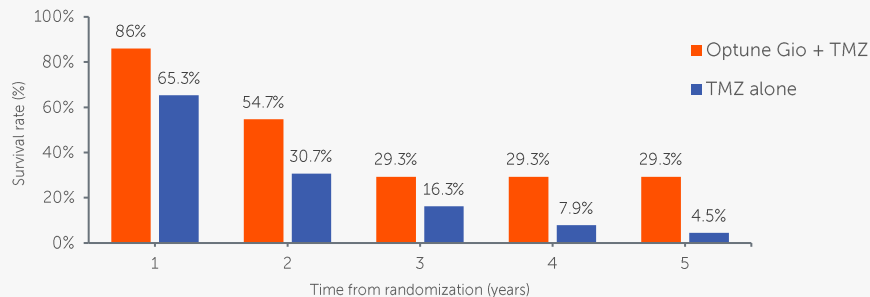


# Optune Gio: greater exposure increased survival

## MEDIAN OVERALL SURVIVAL BY PERCENT OF TIME ON OPTUNE GIO



## ANNUAL SURVIVAL RATE OF HIGHEST USAGE PATIENTS



86%

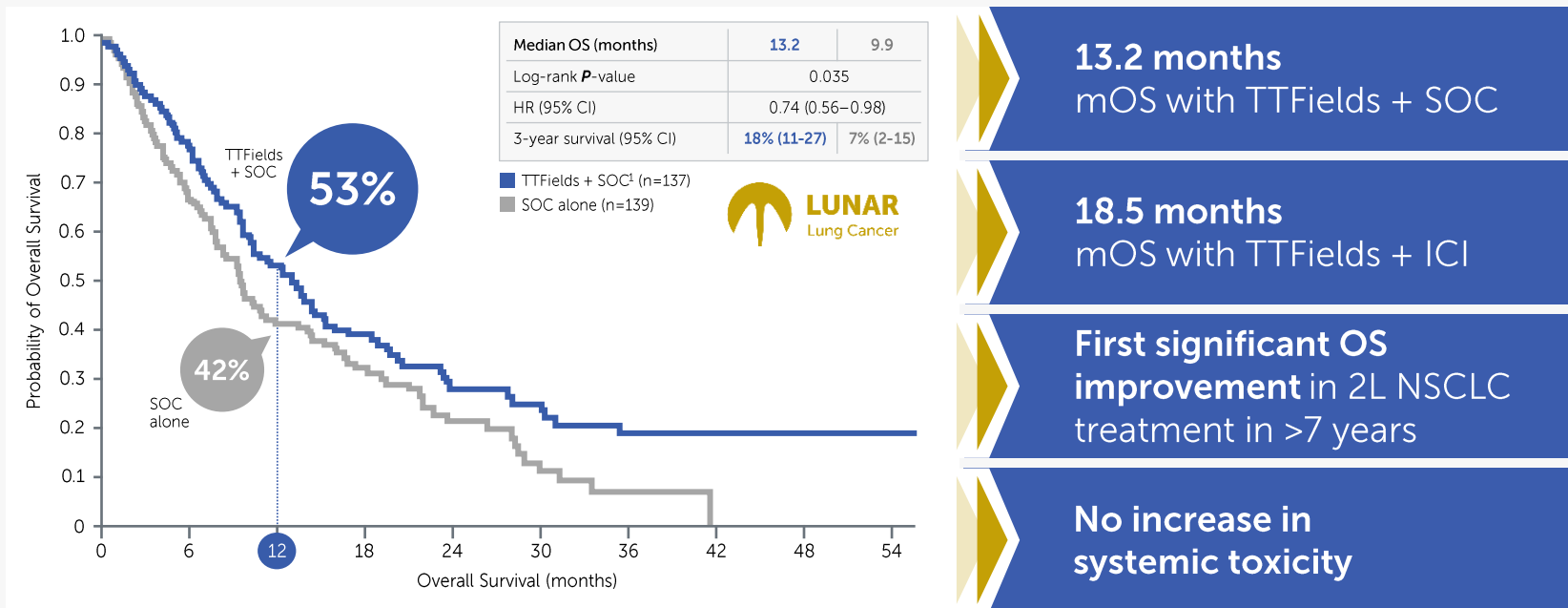
OF PATIENTS RECEIVED A SURVIVAL BENEFIT FROM OPTUNE GIO BECAUSE THEY USED IT >50% OF THE TIME

29.3% vs 4.5%

5-YEAR PROBABILITY OF SURVIVAL WITH 90% USAGE (N=43) VS SURVIVAL WITH TMZ ALONE

# phase 3 LUNAR trial in NSCLC met primary endpoint

**STATISTICALLY SIGNIFICANT AND CLINICALLY MEANINGFUL IMPROVEMENT IN OS**



# NSCLC launch underway in the U.S.



2023

2024

2025

## CLINICAL DATA

- ✓ Announced top-line results
- ✓ Data at ASCO
- ✓ Published in *Lancet Oncology*
- ✓ Data at ESMO, WCLC

## REGULATORY PATHWAY

- ✓ Technical file submitted in EU
- ✓ PMA accepted for review at FDA
- ✓ Application submitted to Japan PMDA
- ✓ Day 100 Meeting with FDA
- ✓ **FDA approval of PMA**
- CE Mark

## COMMERCIAL LAUNCH

- ✓ HCP and patient campaigns
- ✓ DTC campaign
- ✓ Global advisory boards
- ✓ KOL engagements
- ✓ Launch in U.S.
- Launch in Germany
- Establish reimbursement

# significant opportunity to treat NSCLC patients

114K

stage IV NSCLC 1L patients in the U.S.

60%

receive 1L platinum-based chemotherapy

50%

progress and seek 2L treatment




~30,000

seek treatment  
for metastatic  
NSCLC post  
platinum

>7 YEARS

since any therapy  
has shown a  
significant  
improvement in  
overall survival in  
2L NSCLC

# platform technology driving robust clinical pipeline

	PHASE 3	PHASE 2
 <b>GLIOBLASTOMA</b>	<b>TRIDENT</b> TTFields therapy + TMZ + radiation treating ndGBM	
	<b>KEYNOTE D58</b> TTFields therapy + pembrolizumab + TMZ treating ndGBM	
 <b>NON-SMALL CELL LUNG CANCER</b>	<b>METIS</b> TTFields + best supportive care treating brain metastases from NSCLC	<b>KEYNOTE-B36</b> TTFields therapy + pembrolizumab treating 1L advanced or metastatic NSCLC
	<b>LUNAR-2</b> TTFields + pembrolizumab + chemotherapy treating 1L metastatic NSCLC	<b>LUNAR-4</b> TTFields + ICI treating 2L metastatic NSCLC following prior ICI treatment
 <b>PANCREATIC CANCER</b>	<b>PANOVA-3</b> TTFields therapy + nab-paclitaxel + gemcitabine treating 1L locally advanced pancreatic cancer	<b>PANOVA-4</b> TTFields therapy + atezolizumab + nab-paclitaxel + gemcitabine treating 1L metastatic pancreatic cancer

significant pipeline catalysts on foundation of  
positive cashflow business

METIS DATA

LUNG APPROVALS & LAUNCH

PANOVA-3 DATA

2024 CATALYSTS

PROFITABLE GBM BUSINESS

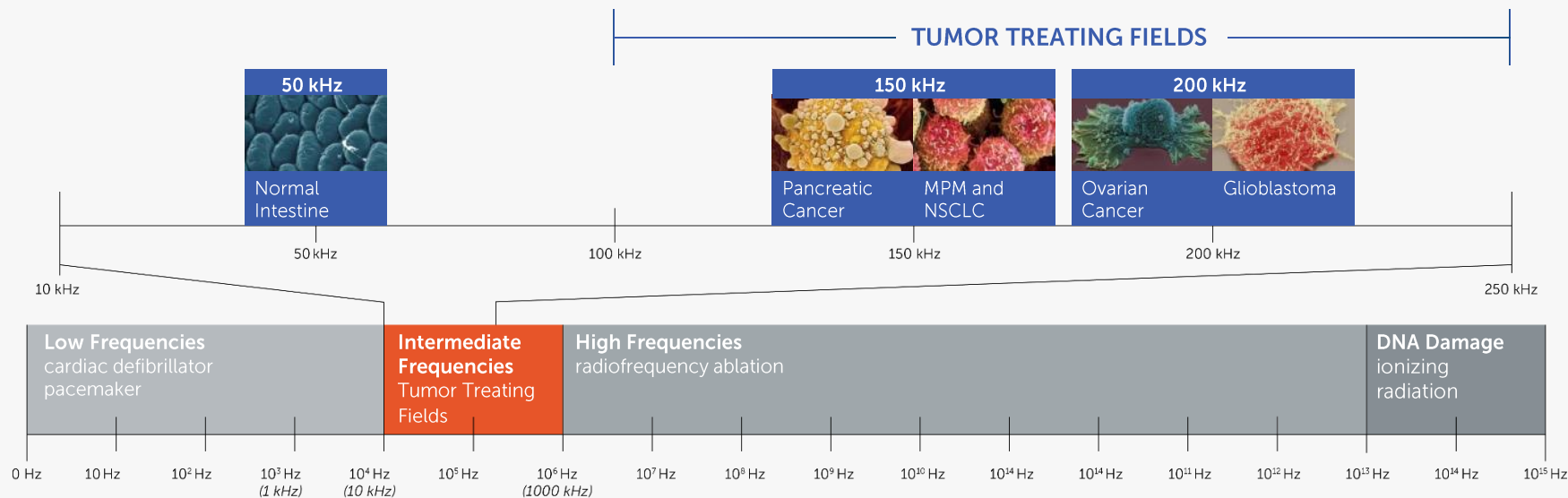




# appendix

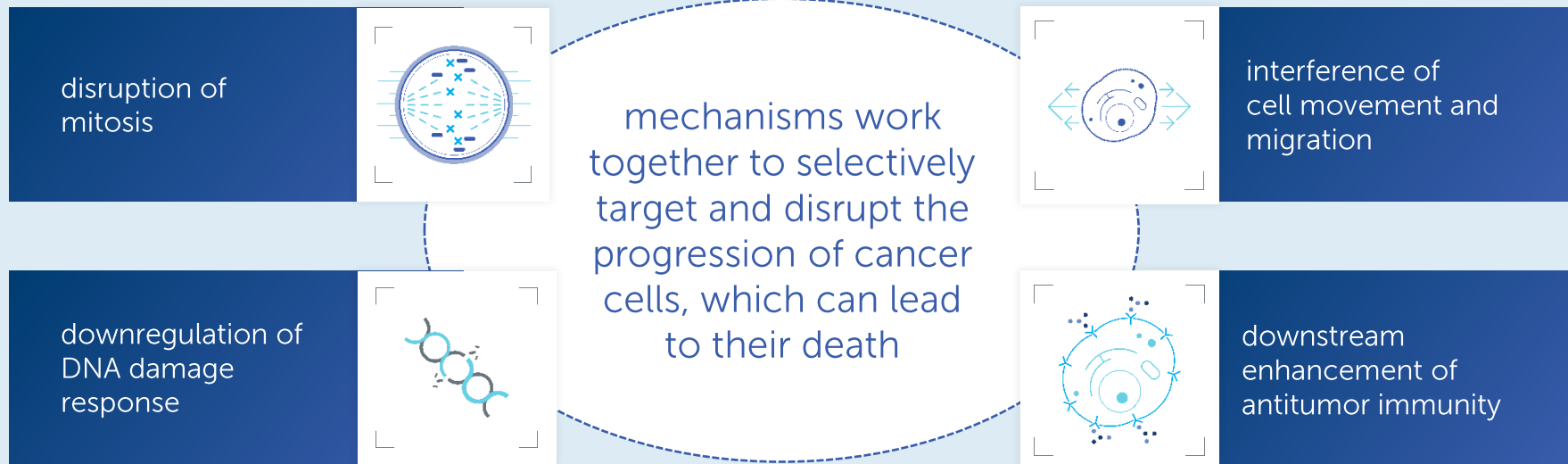


# therapy is frequency-tuned to target dividing cancer cells

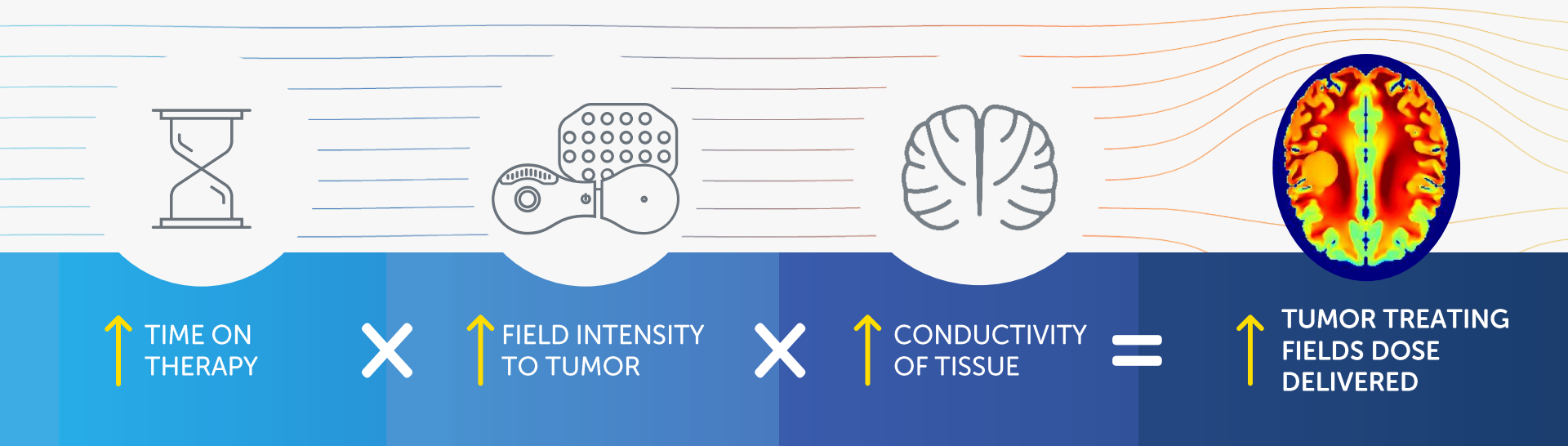


MPM: malignant pleural mesothelioma  
 NSCLC: non-small cell lung cancer

# TTFields have multiple, distinct mechanisms of action



# optimized dose delivered can lead to increased efficacy



# Optune Lua® and Optune Gio® indications for use and important safety information

## INDICATIONS

- Optune Lua® is indicated as a treatment concurrent with PD-1/PD-L1 inhibitors or docetaxel for adult patients with metastatic non-small cell lung cancer (mNSCLC) who have progressed on or after a platinum-based regimen.
- Optune Lua® is indicated for the treatment of adult patients with unresectable, locally advanced or metastatic, malignant pleural mesothelioma (MPM) to be used concurrently with pemetrexed and platinum-based chemotherapy.
- Optune Gio® is intended as a treatment for adult patients (22 years of age or older) with histologically confirmed glioblastoma multiforme (GBM).
- Optune Gio with temozolomide is indicated for the treatment of adult patients with newly diagnosed, supratentorial glioblastoma following maximal debulking surgery, and completion of radiation therapy together with concomitant standard of care chemotherapy.
- For the treatment of recurrent GBM, Optune Gio is indicated following histologically or radiologically confirmed recurrence in the supratentorial region of the brain after receiving chemotherapy. The device is intended to be used as a monotherapy and is intended as an alternative to standard medical therapy for GBM after surgical and radiation options have been exhausted.

## CONTRAINDICATIONS

- Do not use Optune Lua in patients with an electrical implant. Use of Optune Lua together with electrical implants has not been tested and may lead to malfunctioning of the implanted device.
- Do not use Optune Lua or Optune Gio in patients known to be sensitive to conductive hydrogels. In this case, skin contact with the gel used with Optune Lua or Optune Gio may commonly cause increased redness and itching, and rarely may even lead to severe allergic reactions, such as a fall in blood pressure, shock, and breathing difficulty, including respiratory failure.
- Do not use Optune Gio in patients with an active implanted medical device, a skull defect (such as, missing bone with no replacement), or bullet fragments. Use of Optune Gio together with implanted electronic devices has not been tested and may theoretically lead to malfunctioning of the implanted device. Use of Optune Gio together with skull defects or bullet fragments has not been tested and may possibly lead to tissue damage or render Optune Gio ineffective.

# Optune Lua® and Optune Gio® indications for use and important safety information

## WARNINGS AND PRECAUTIONS

- Optune Lua and Optune Gio can only be prescribed by a healthcare provider that has completed the required certification training provided by Novocure® (the device manufacturer).
- Do not prescribe Optune Lua or Optune Gio for patients who are pregnant, whom you think might be pregnant, or who are trying to get pregnant, as the safety and effectiveness of Optune Lua and Optune Gio in these populations have not been established.
- The most common ( $\geq 10\%$ ) adverse events involving Optune Lua concurrent with PD-1/PD-L1 inhibitors or docetaxel for mNSCLC were dermatitis, musculoskeletal pain, fatigue, anemia, dyspnea, nausea, cough, diarrhea, anorexia, pruritis, leukopenia, pneumonia, respiratory tract infection, localized edema, rash, pain, constipation, skin ulcers, and hypokalemia.
- The most common ( $\geq 10\%$ ) adverse events involving Optune Gio together with temozolomide were thrombocytopenia, nausea, constipation, vomiting, fatigue, medical device site reaction, headache, convulsions, and depression.
- The most common ( $\geq 10\%$ ) adverse events seen with Optune Gio monotherapy were medical device site reaction and headache. Other potential adverse reactions were considered related to Optune Gio when used as monotherapy: medical device site reaction, headache, malaise, muscle twitching, fall, and skin ulcer.
- Other potential adverse effects associated with the use of Optune Lua for mNSCLC include treatment related skin toxicity, allergic reaction to the adhesive or to the gel, overheating of the array leading to pain and/or local skin burns, infections at the site where the arrays make contact with the skin, local warmth and tingling sensation beneath the arrays, medical device site reaction, muscle twitching, and skin breakdown or skin ulcer.
- The most common ( $\geq 10\%$ ) adverse events involving Optune Lua in combination with chemotherapy for MPM were anemia, constipation, nausea, asthenia, chest pain, fatigue, medical device site reaction, pruritus, and cough.
- Other potential adverse effects associated with the use of Optune Lua for MPM include: treatment related skin toxicity, allergic reaction to the plaster or to the gel, electrode overheating leading to pain and/or local skin burns, infections at sites of electrode contact with the skin, local warmth and tingling sensation beneath the electrodes, muscle twitching, medical device site reaction and skin breakdown/skin ulcer.
- Use of Optune Gio in patients with an inactive implanted medical device in the brain has not been studied for safety and effectiveness, and use of Optune Gio in these patients could lead to tissue damage or lower the chance of Optune Gio being effective.
- If the patient has an underlying serious skin condition on the chest, evaluate whether this may prevent or temporarily interfere with Optune Lua treatment.
- If the patient has an underlying serious skin condition on the scalp, evaluate whether this may prevent or temporarily interfere with Optune Gio treatment.
- Please see full Instructions For Use (IFU) for Optune Lua® for mNSCLC at [www.optuneluahcp.com](http://www.optuneluahcp.com).
- Please see full Instructions For Use (IFU) for Optune Lua® for MPM at [www.optunelua.com/mpm/](http://www.optunelua.com/mpm/).
- Please see full Instructions For Use (IFU) for and Optune Gio® at [www.optunegiohcp.com](http://www.optunegiohcp.com)