

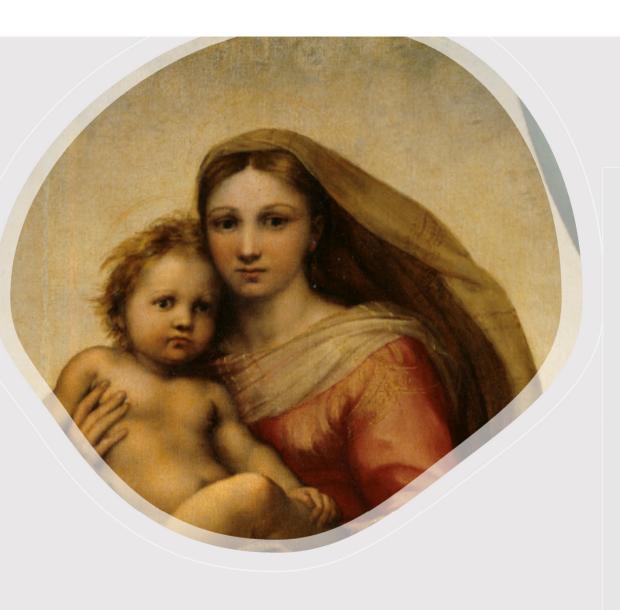
BACK TO THE FUTURE:

HUMANISTIC GUIDED RT

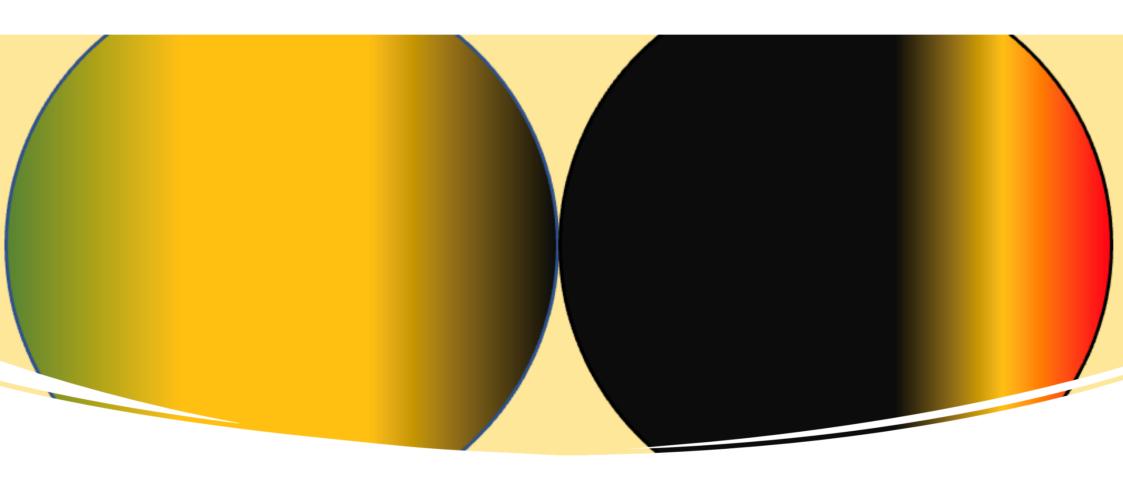


Vincenzo Valentini

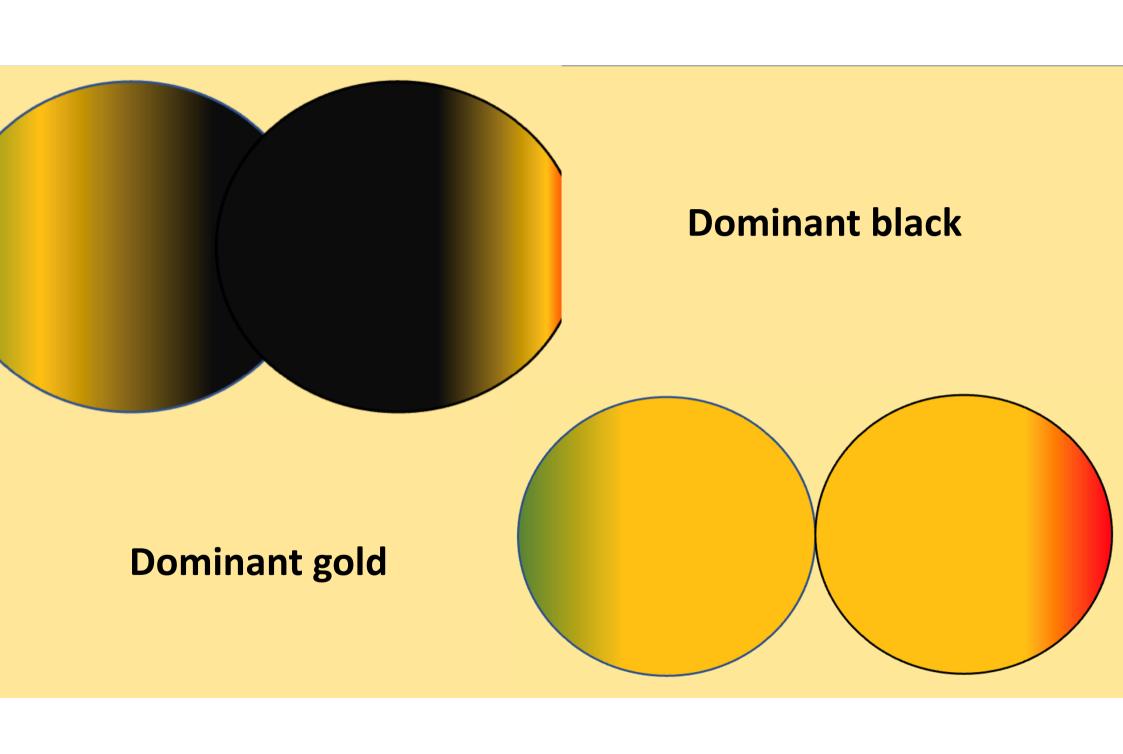




Raffaello Sanzio, 1513 – G<u>emäldegalerie, Dresda</u>.



Personal relathionsip







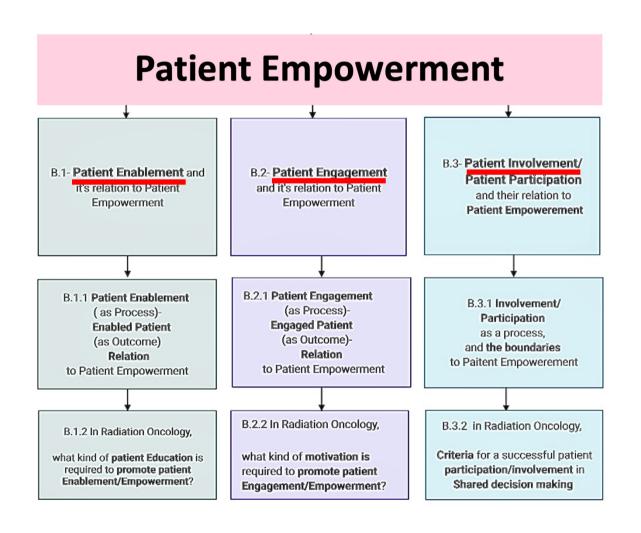
Existential earthquake



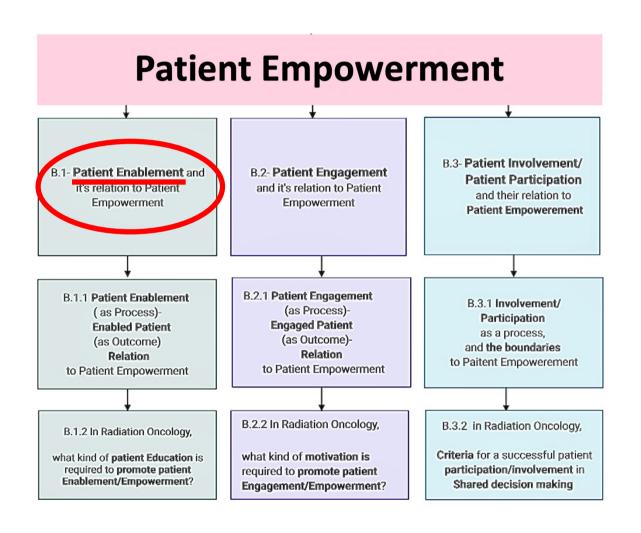


What do they need?

Participative Medicine



Participative Medicine



CLINICAL EXAMINATION: patient background

Consensus on benefits/harms that need not necessarily be addressed	Patients reached consensus in round	Oncologists reached consensus in round
1. Faecal incontinence (short term)	4	3
2. Increased rectal blood loss	4	3
3. Decreased rectal blood loss	4	3
4. Increased blood loss during surgery	4	3
5. Nerve damage (long term)	4	2
6. Skin problems	4	4
7. (Local) Hair loss	4	3
8. Feeling unwell	4	3
9. Less appetite	4	1
10. Cardiovascular problems	4	4
11. Fistula	4	4
Consensus in patients only - Bladder dysfunction - Abdominal wound healing problems - Muscle weakness	4 4 4	- - -
- Fatigue	4	
Consensus in clinicians only - Secondary tumours - Small bowel adhesions - Urinary incontinence - Anastomotic leakage	- - -	2 3 4 2
-		

Metaverse in Oncology

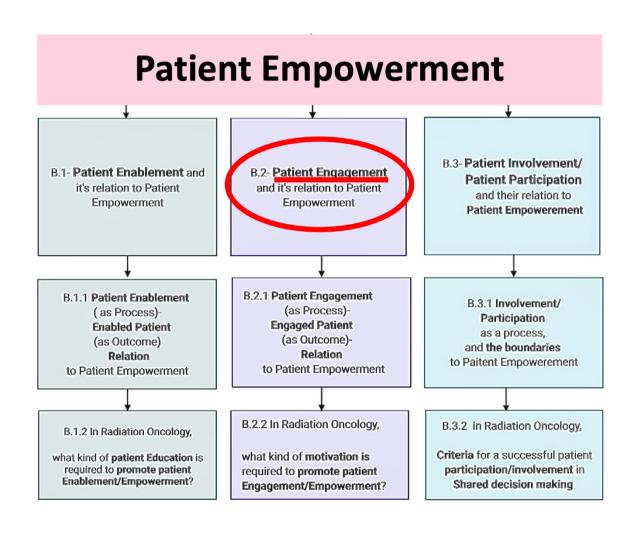


home interactive services

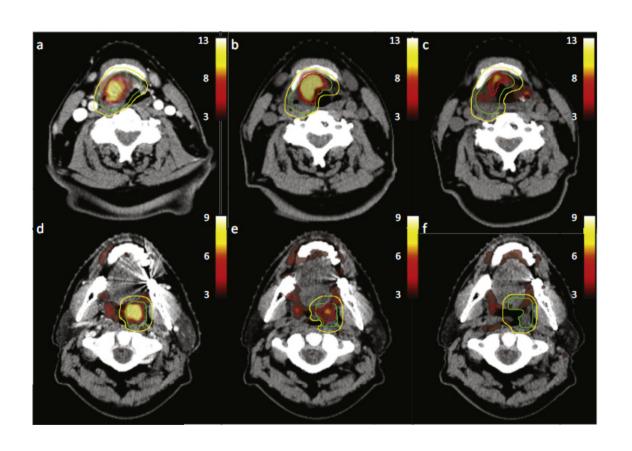


National Museum of Fine Art - Copenaghen

Participative Medicine



IGRT & ADAPTIVE

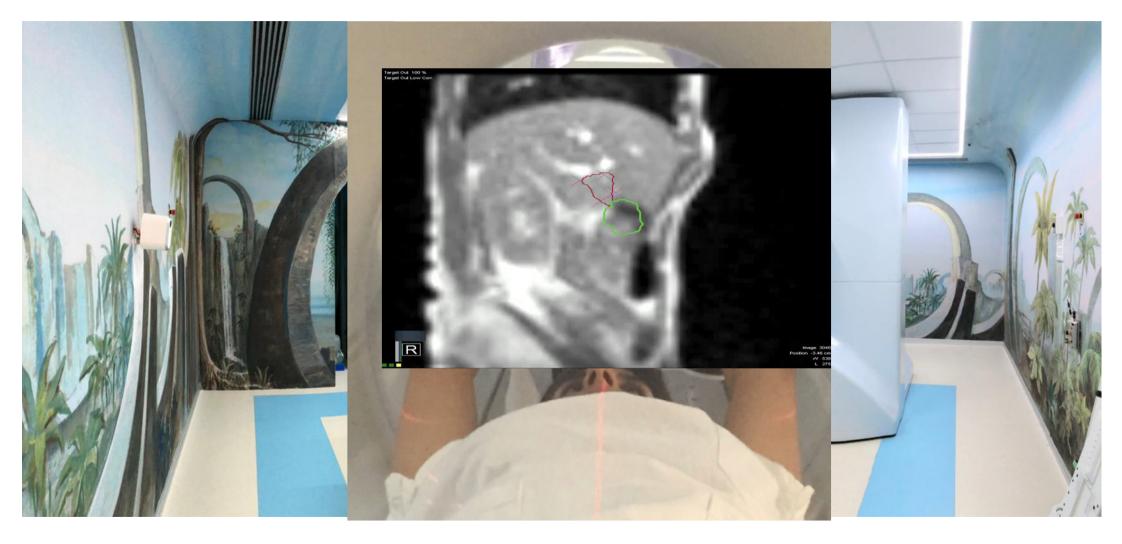


Boost according to:

- Staging PET CT
- 2-week PET CT
- 4-week PET CT

70 Gy (cCR at 2w)
74 Gy (cCR at 4w)
78 Gy (cPR, boost according
to 2w & 4w PET)

Patient engagement



Humanistic Guided Oncology

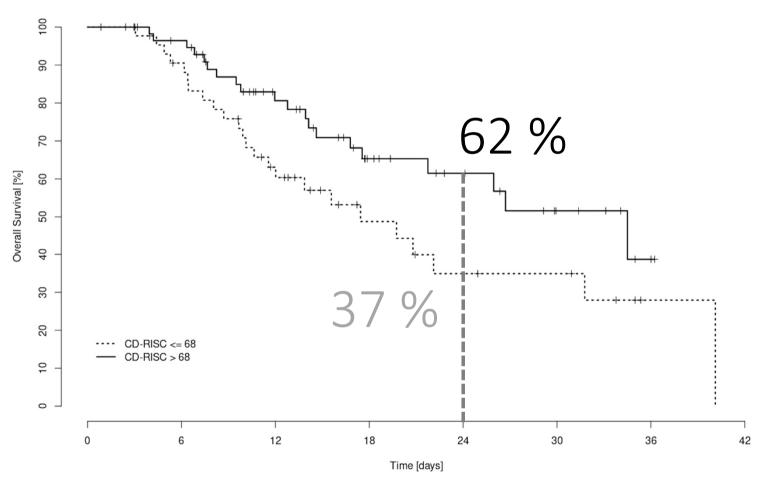
Snowdon and associates found three indicators of longer life when coding the sister's autobiographies: the amount of positive sentences, positive words, and the variety of positive emotions used. The less positivity in writing correlated with greater mortality. There were many



Spirituality and Resilience in Glioblastoma

- ✓ Spirituality is "a framework that provides people with a sense of ultimate purpose and meaning in life"
- ✓ Resilience is the "ability to withstand adversity and bounce back and grow despite life's downturns"
 - ✓ Multicentric observational protocol
 - ✓ Tests: Spirituality (FACIT-SP12); Resilience (CD-RISC).
 - > 104 patients: 68 male, 36 female, median age 59.
 - ➤ Median FUP was 338 days.

Spirituality and Resilience in Glioblastoma



L.Dinapoli et Al et Al, ESTRO Abs, 2022



Pablo Picasso, Science and charity, 1897

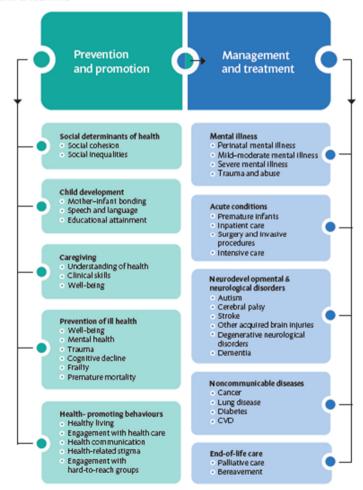


ARTS AND HEALTH | THE W.H.O. REPORT

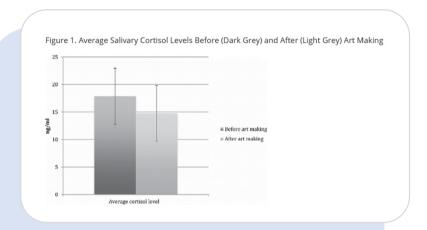


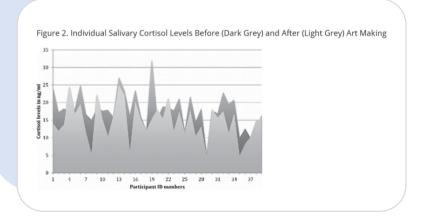
What is the evidence on the role of the arts in improving health and well-being? WHO (2019)

Fig. 2. Thematic content for prevention and promotion and management and treatment

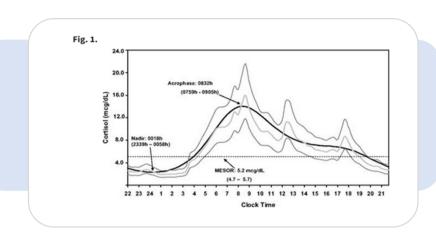


PHYSIOLOGICAL BIOMARKERS

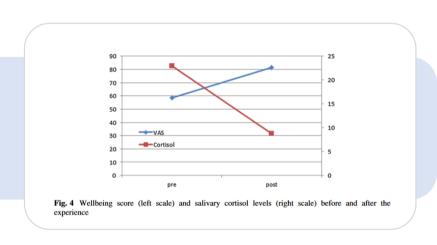




Salivary cortisol levels before and after art making Kaimal et al., *Art Ther.* (2016)

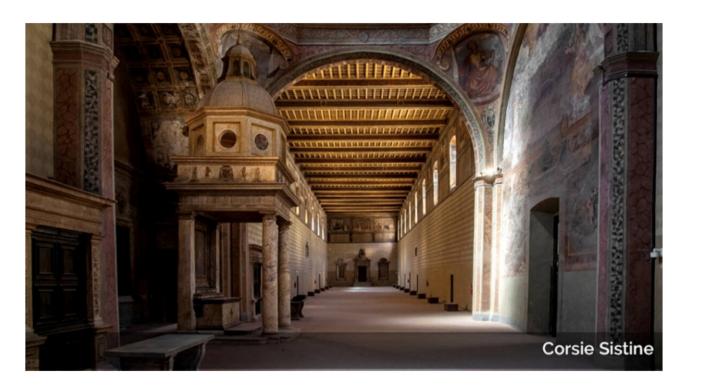


Physiological serum cortisol concentration from 20 min sampling over a 24-h period in 33 healthy subjects' circadian rhythm Debono et al., J Clin Endocrinol Metab (2009)



Visual Analogue Scale (VAS) on wellbeing and salivary cortisol level Grossi et al *Cult Med Psychiatry* (2019)

Back to the future.....









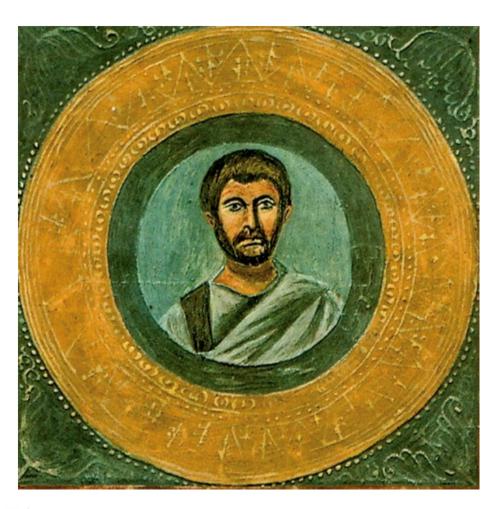








TERENTIUM project



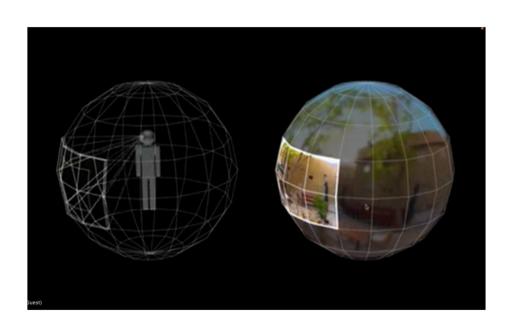
Homo sum, humani nihil a me alienum puto

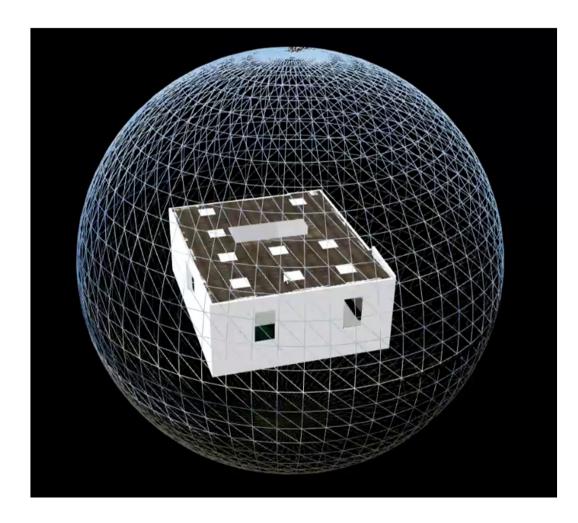
Nothing that is human is alien to me





TERENTIUM project

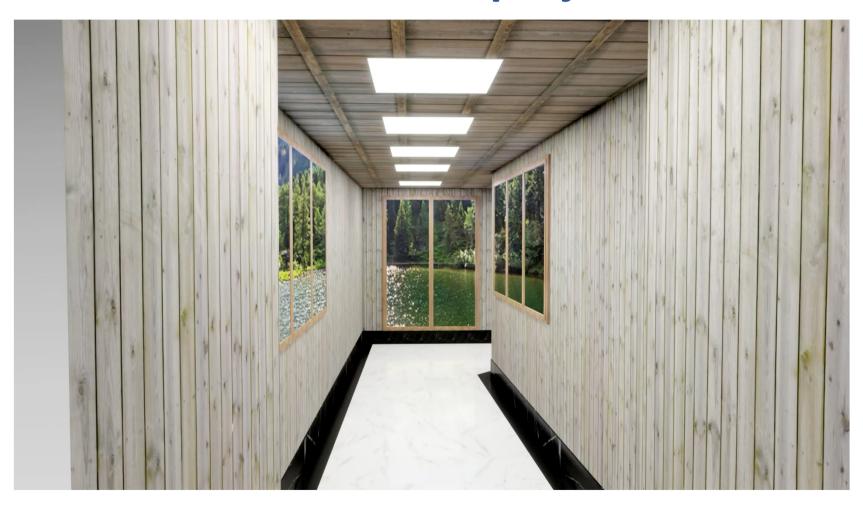








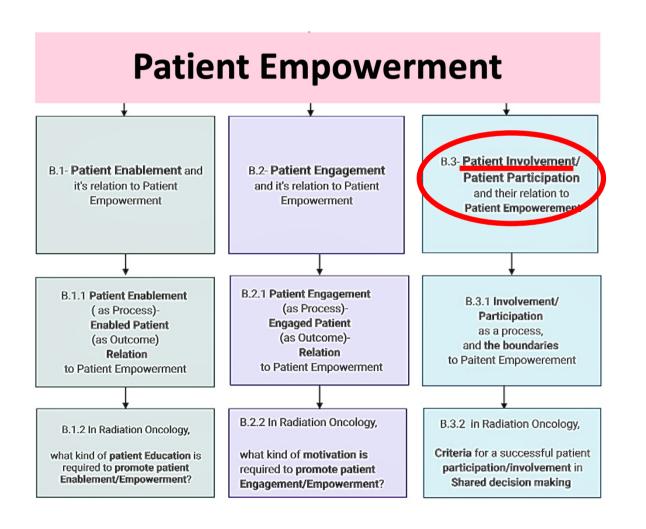
TERENTIUM project







Participative Medicine









Humanistic Guided RT

Personalized against Precision Medicine

Two dimension of the human **should be identified**:

Actionable Values (emotion, culture, spirituality..)

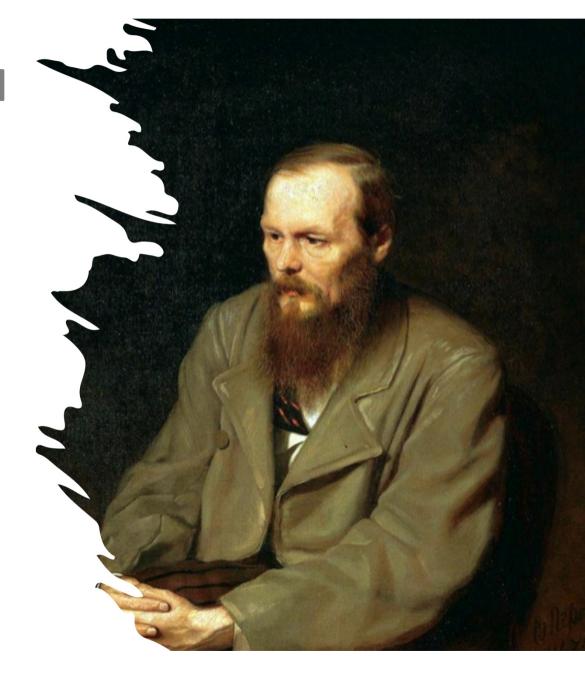
ART suggests words to narrate the sense of the life

Given World (science, deterministic rules, adaptation ..)

SCIENCE enables you to live and interact with the world

Precision Medicine

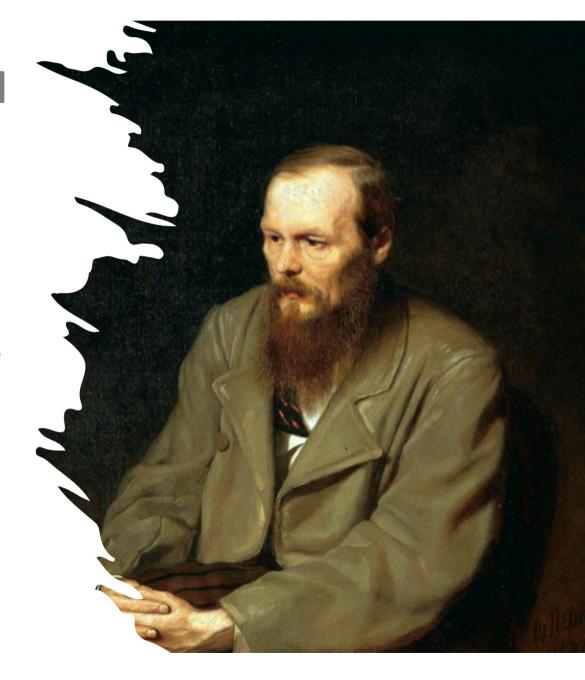
Beauty will save the world



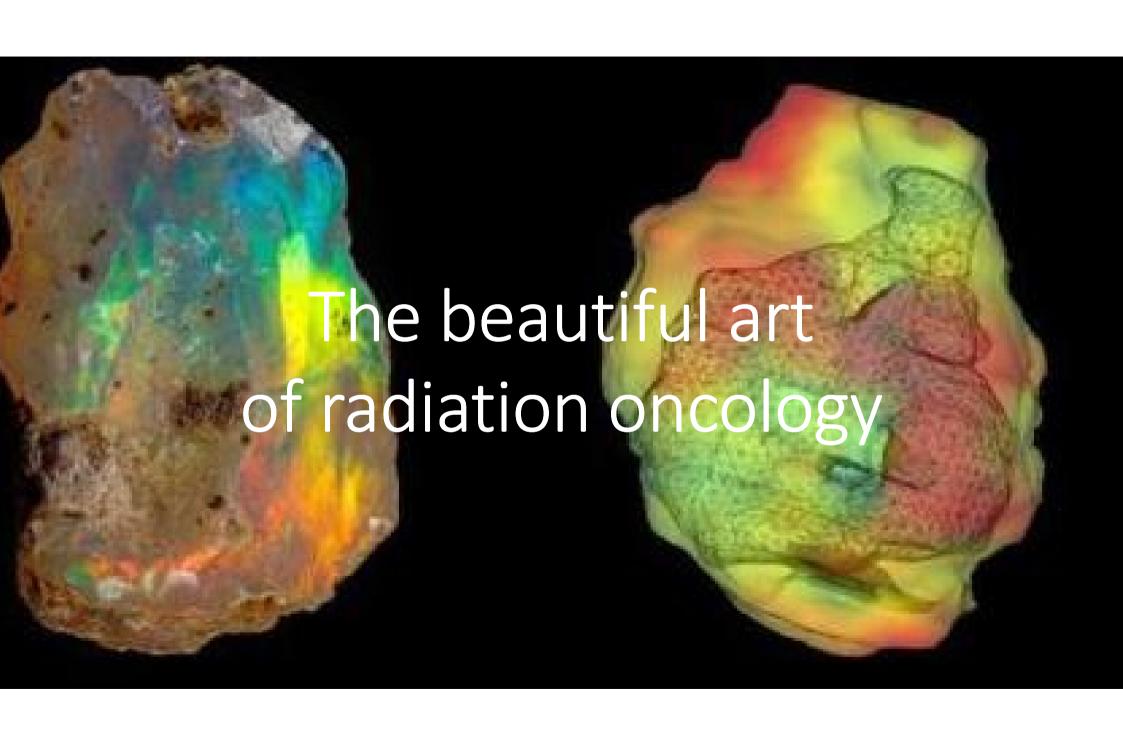
Dialogue between Prince Miškin and young Hippolit. **Fyodor Dostoevsky, The Idiot, 1869**

Beauty will save the world

...what beauty will save the world?



Dialogue between Prince Miškin and young Hippolit. **Fyodor Dostoevsky, The Idiot, 1869**





...what beauty will save the world?

The beauty
of gestures that produce
relief and gratitude



TAKE HOME MESSAGE

