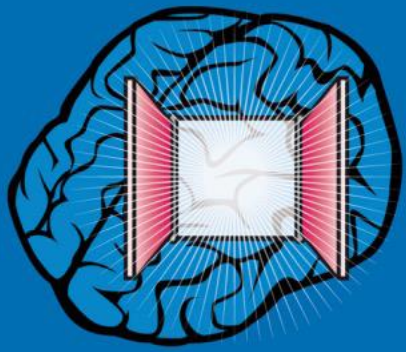


# Publieksdag Hersentumoren

Zaterdag 21 november 2020  
Online Evenement

In samenwerking met:





Publieksdag  
Hersentumoren

# Een betere kwaliteit van leven en overleving voor hersentumorpatienten

**Dr. Walter Taal**

*Neuroloog, Erasmus MC, Rotterdam*

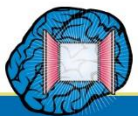


In samenwerking met:



# Inhoud

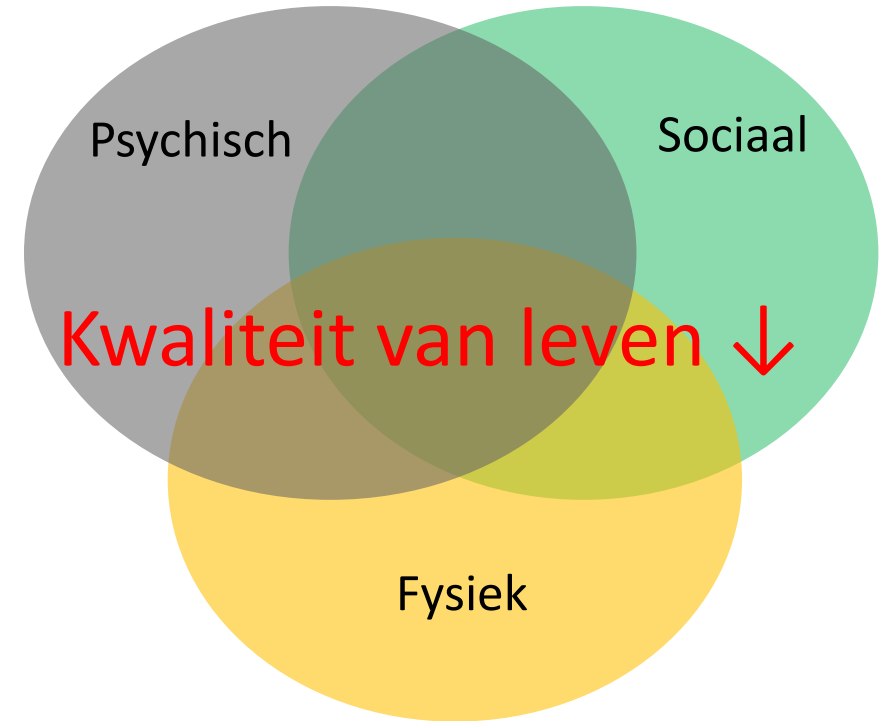
- Welke klachten en symptomen willen we voorkomen
- De ene hersentumor is de andere niet
- Verbeterde diagnostiek
- Verbeterde behandeling



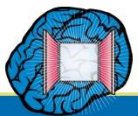
# Kwaliteit van leven

Anders dan bij tumoren elders in lichaam:

- Hoofdpijn
- Epilepsie
- Karakterveranderingen
- Invaliditeit / neurologische uitval



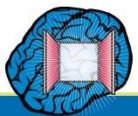
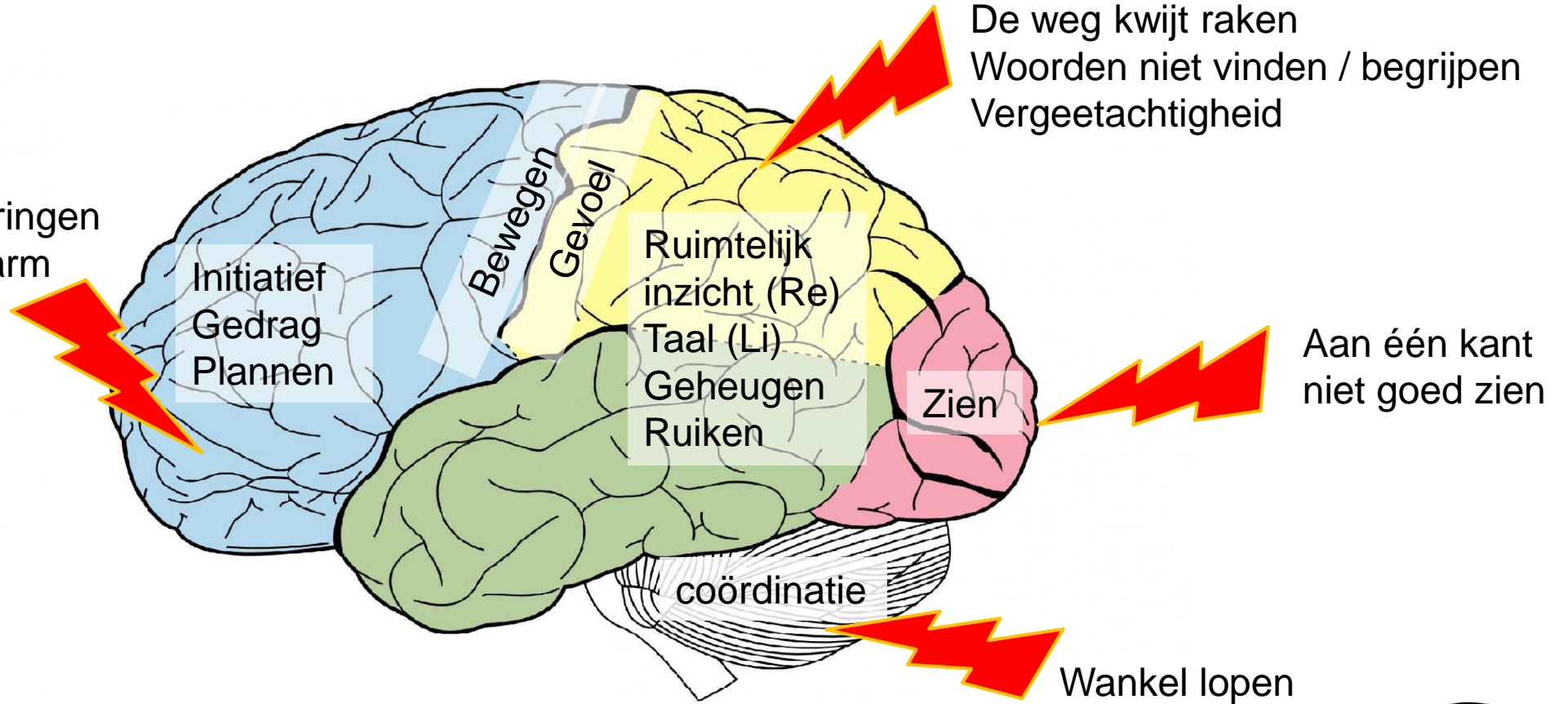
ook voor naasten!



# Neurologische uitval

- Uitval is afhankelijk van de locatie

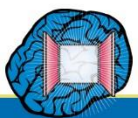
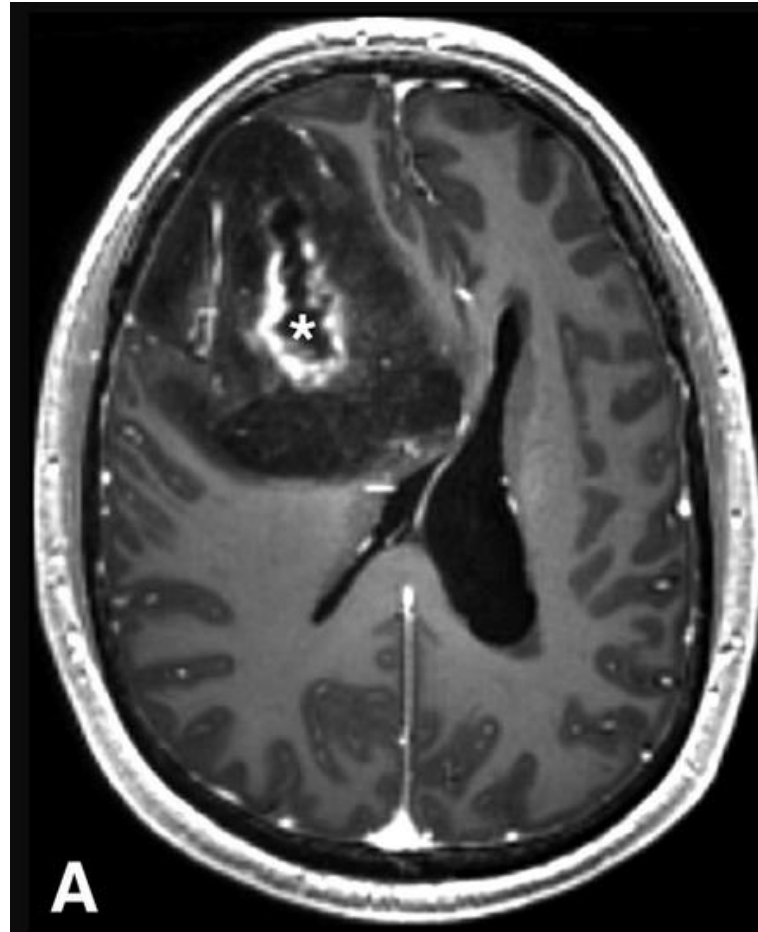
Trager  
Minder initiatief  
Karakterveranderingen  
Minder kracht 1 arm  
en/of 1 been



# Klachten onafhankelijk van de locatie

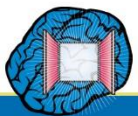
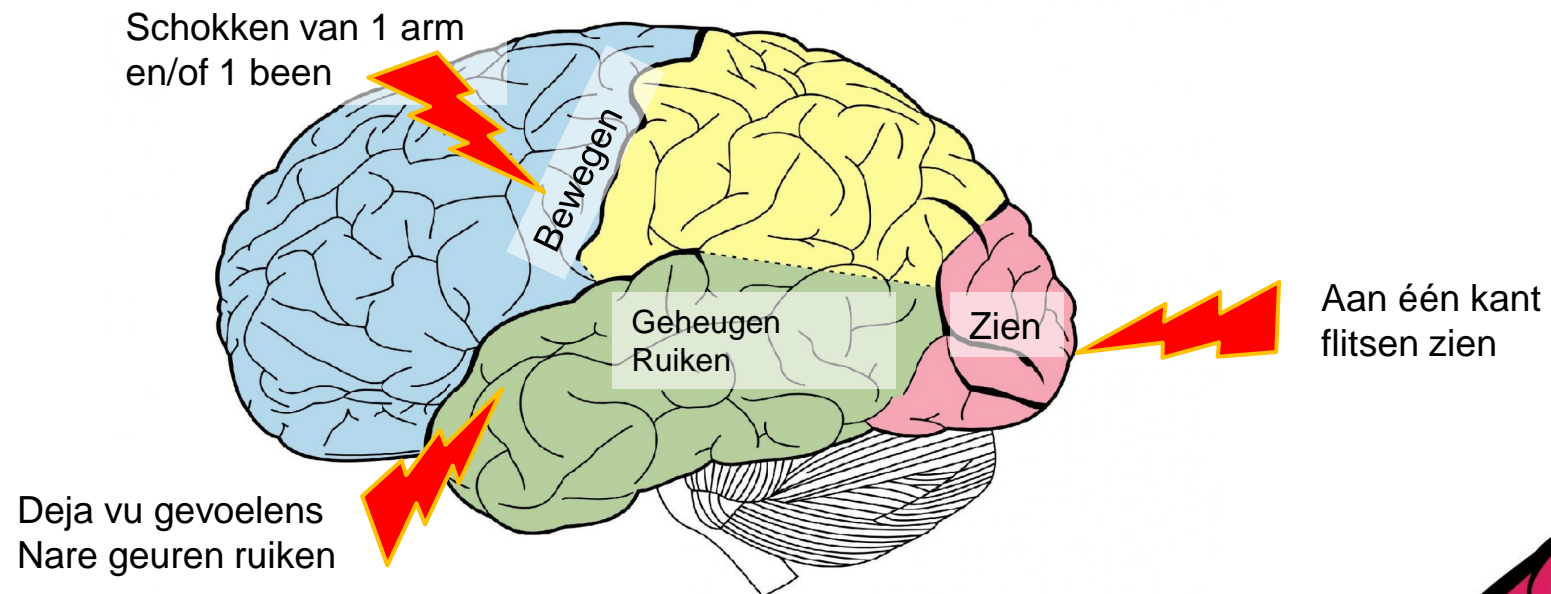
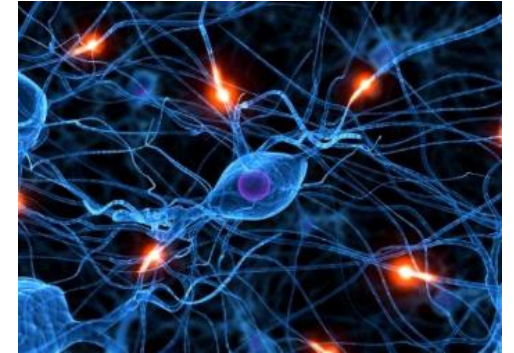
Klachten onafhankelijk van de locatie:

- Hoofdpijn
  - Zelden de enige klacht
  - Door hoge druk in het hoofd
- Vermoeidheid



# Epilepsie

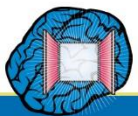
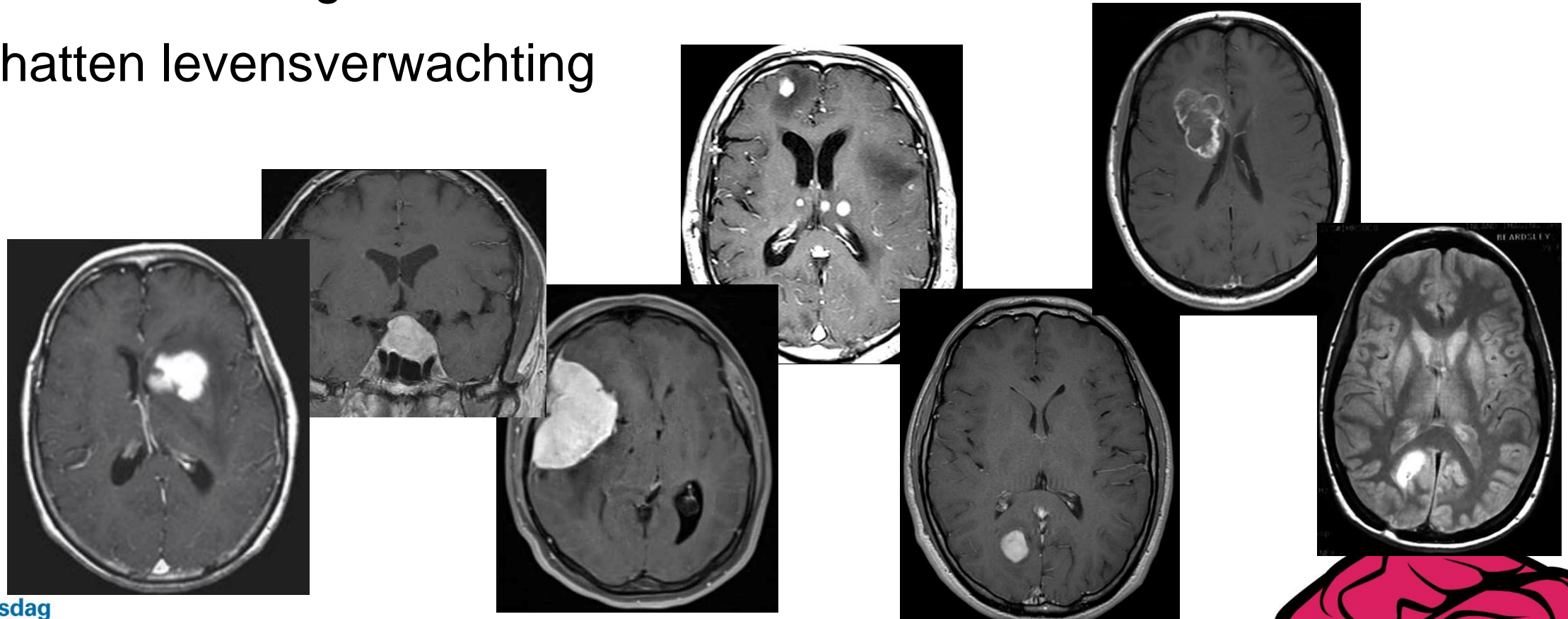
- Epilepsie (erg ingrijpend; goede medicijnen tegen)
- Abnormale elektrische activiteit hersenschors
  - Gegeneraliseerd: verlies bewustzijn
  - Gelocaliseerd



# De ene hersentumor is de andere niet

Soort hersentumor is belangrijk voor

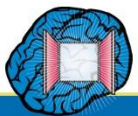
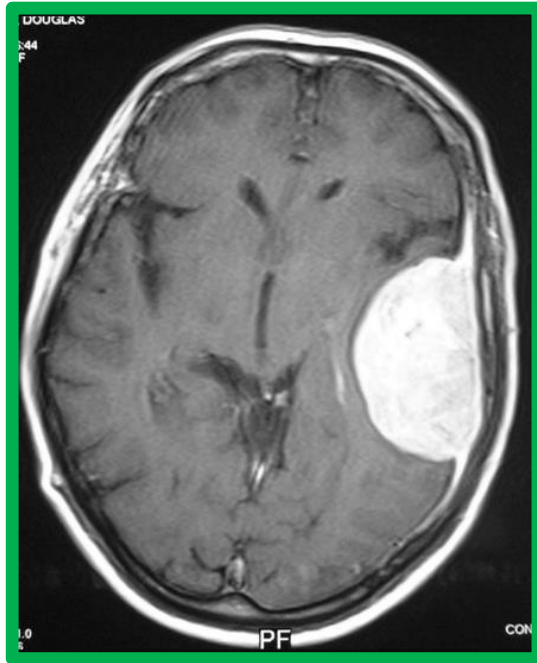
- Juiste behandeling
- Inschatten levensverwachting





# De ene hersentumor is de andere niet

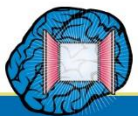
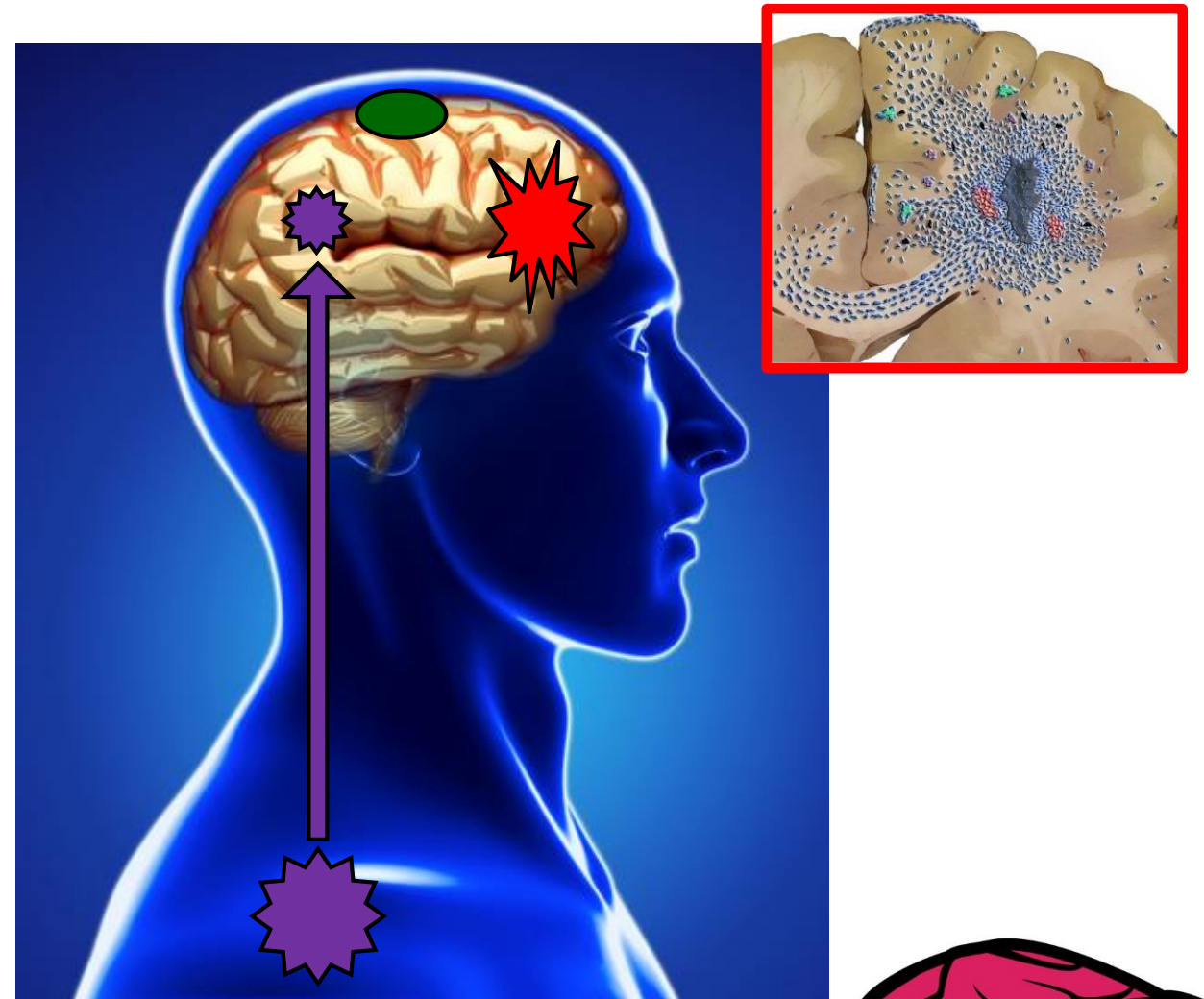
- Meer dan de helft is goedaardig
- B.v. meningeoom



# De ene hersentumor is de andere niet

Andere hersentumoren:

- Uitzaaiingen (metastasen)
- **Primaire hersentumoren**
  - Gliomen (bv glioblastoom)

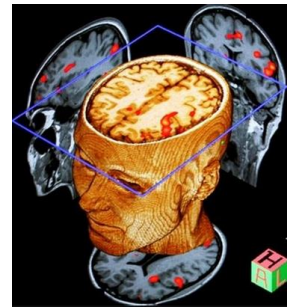
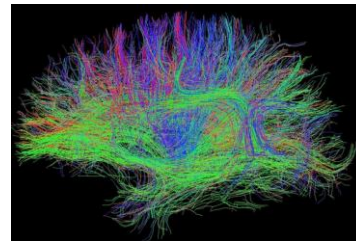
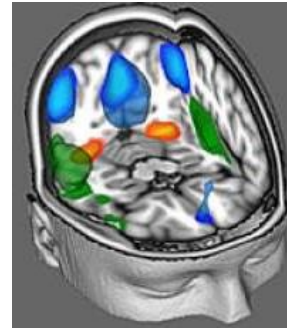


# Hoe komen we erachter - verbeterde diagnostiek

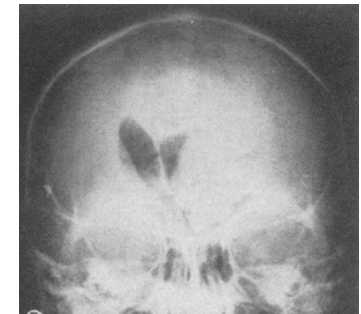
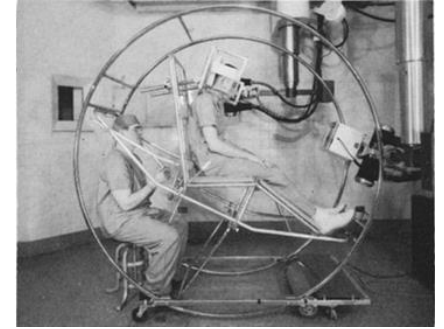
- MRI scan
  - Perfusie
  - Functioneel



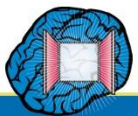
2020



<1980

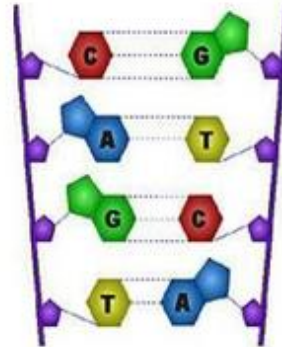
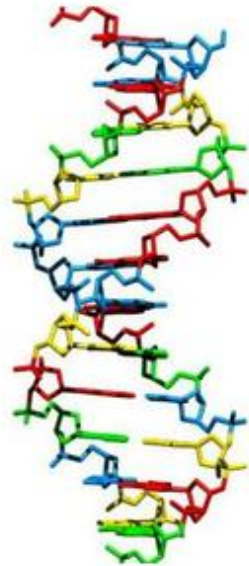


- Vroeger vooral microscopie - kleuringen

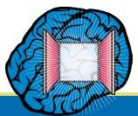


# Moleculaire diagnostiek

- Next generation sequencing
- Het tumor DNA ontrafelen

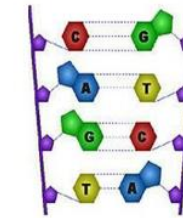
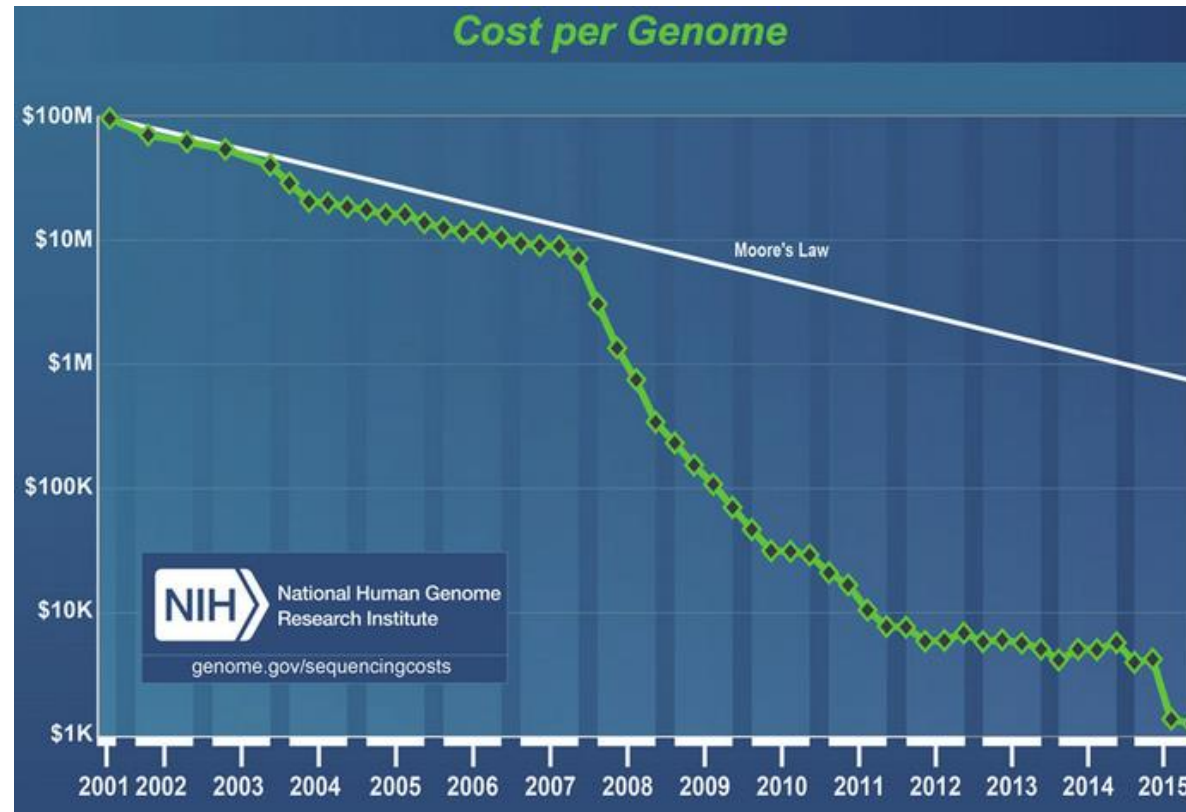


```
...ACGTGACTGAGGACCGTG  
CGACTGAGACTGACTGGGT  
CTAGCTAGACTACGTTTTA  
TATATATATACGTCGTCGT  
ACTGATGACTAGATTACAG  
ACTGATTTAGATACCTGAC  
TGATTTTAAAAAATATT...
```

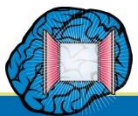


# Moleculaire diagnostiek

- Next generation sequencing
- Het tumor DNA ontrafelen

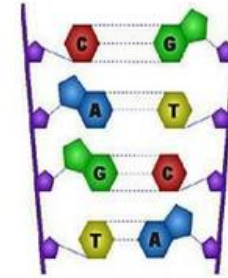
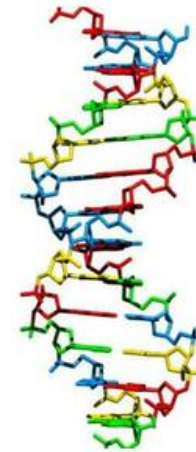


```
...ACGTGACTGAGGACCGTG  
CGACTGAGACTGACTGGGT  
CTAGCTAGACTACGTTTA  
TATATATATACGTCGTCGT  
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ACTGATTTAGATACCTGAC  
TGATTTAAAAAATATT...
```

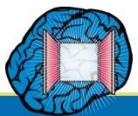


# Moleculaire diagnostiek

- Next generation sequencing
- Het tumor DNA ontrafelen
- Belangrijk:
  - Soort tumor – prognose en type behandeling
  - Welke eiwitten spelen een rol - Gerichte therapie



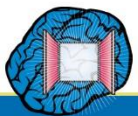
```
...ACGTGACTGAGGACCGTG  
CGACTGAGACTGACTGGGT  
CTAGCTAGACTACGTTTTA  
TATATATATACGTCGTCGT  
ACTGATGACTAGATTACAG  
ACTGATTTAGATACCTGAC  
TGATTTAAAAAATATT...
```



# Verbeterde behandeling

De behandeling is gericht op:

- Levensverlenging EN



# Verbeterde behandeling

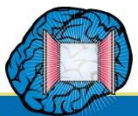
- Operatie
  - Steeds veiliger
  - Soort tumor kunnen bepalen
  
- Bestraling
  - Steeds nauwkeuriger



Wakkere operaties



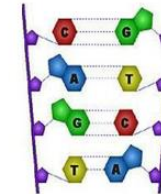
Protontherapie



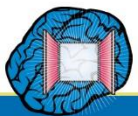
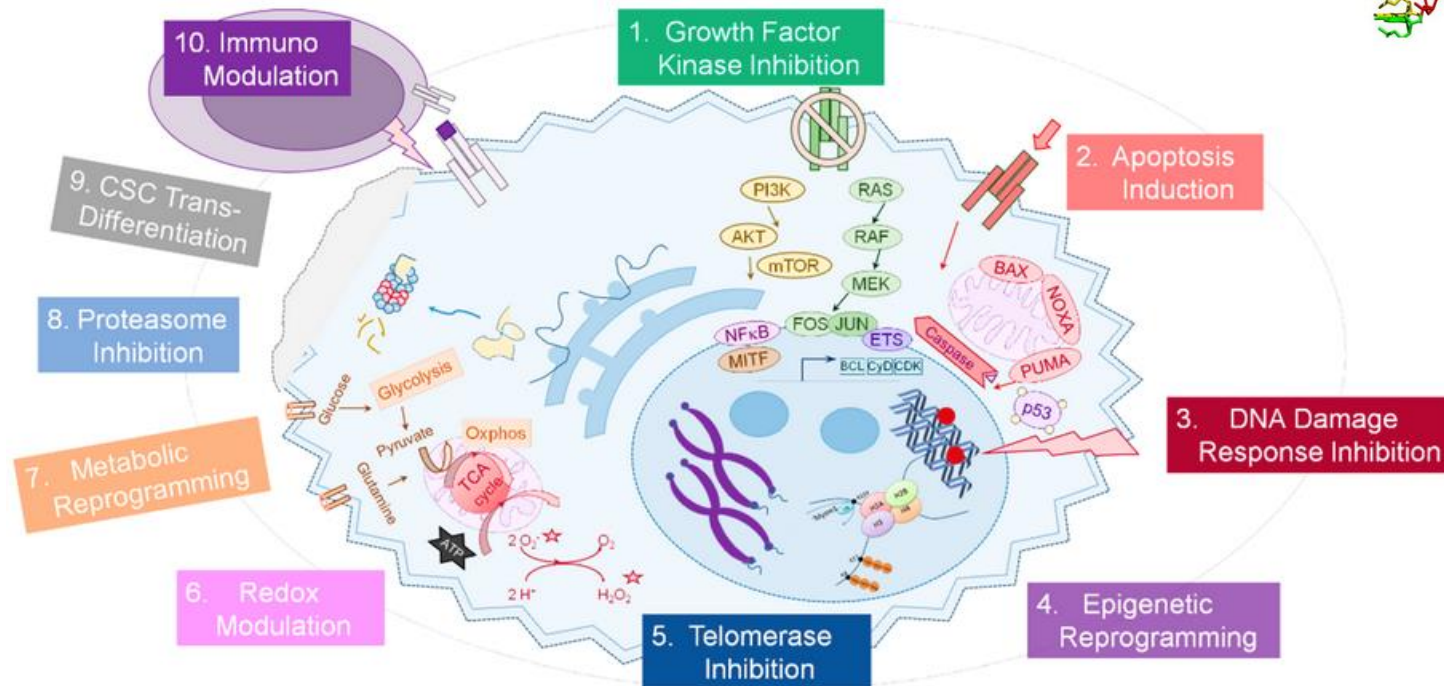


# Behandeling

- Anti-tumor medicijnen
  - Chemotherapie
  - Gerichte therapie dankzij moleculaire diagnostiek

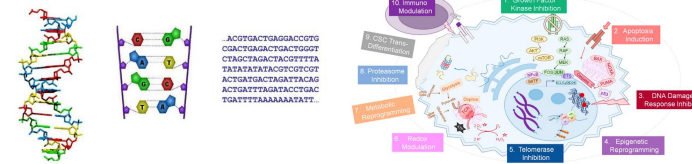
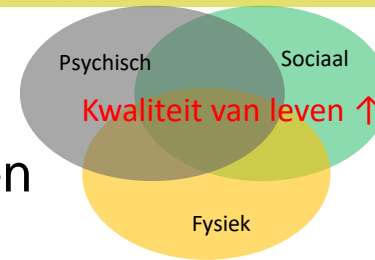


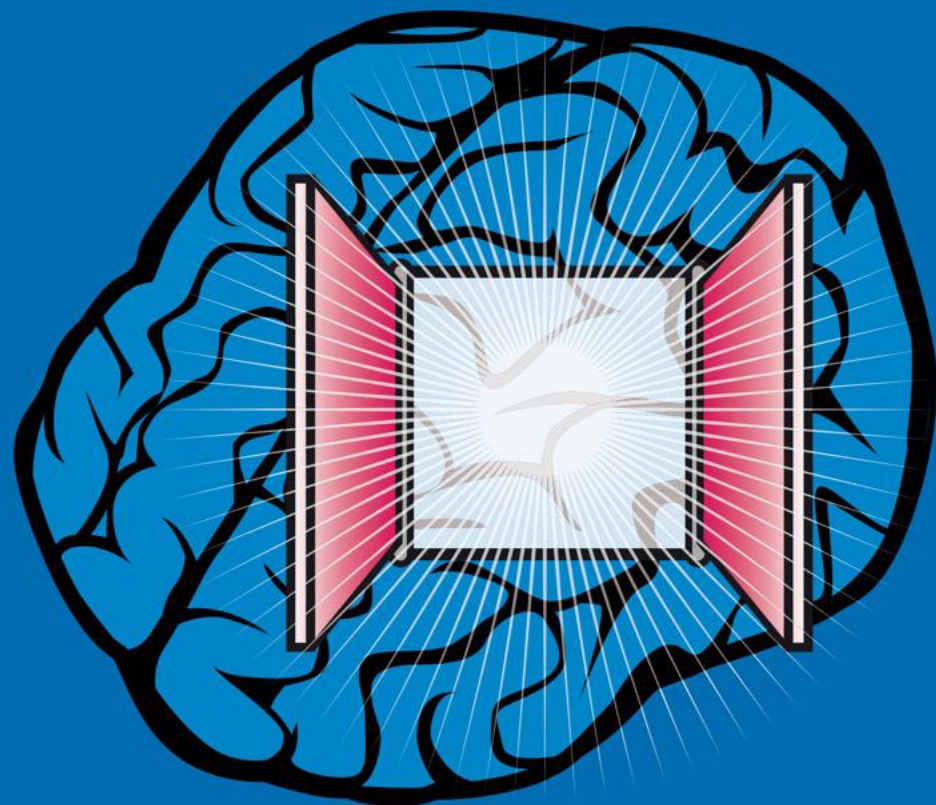
```
...ACGTGACTGAGGACCGTG  
CGACTGAGACTGACTGGGT  
CTAGCTAGACTACGTTTAA  
TATATATATACGTCGTCGT  
ACTGATGACTAGATTACAG  
ACTGATTTAGATACCTGAC  
TGATTTTAAAAAATATT...
```



# Samenvatting

- Behandeling gericht op
  - Betere kwaliteit van leven – ook van naasten
  - Overleving
- Belang van moleculaire diagnostiek
  - Betere diagnose en gerichte behandeling
- De behandeling van hersentumoren wordt steeds beter
  - Preciezer en veiliger
- We zijn er nog niet!
  - Diagnostiek en behandeling kan nog veel beter
  - Studies gericht op patiëntgerelateerde uitkomstmaten
  - Informeer uzelf! Ook m.b.t. de toekomst.





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Online Evenement

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