

Wat nu als het rectumcarcinoom weg is na chemoradiatie?

Britt Hupkens & Miriam van Heeswijk

Afdeling chirurgie en radiologie MUMC+

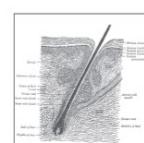
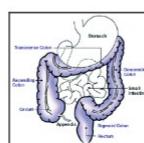
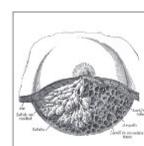
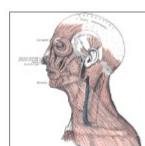
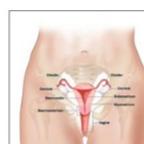
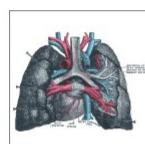


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Het colorectaal carcinoom



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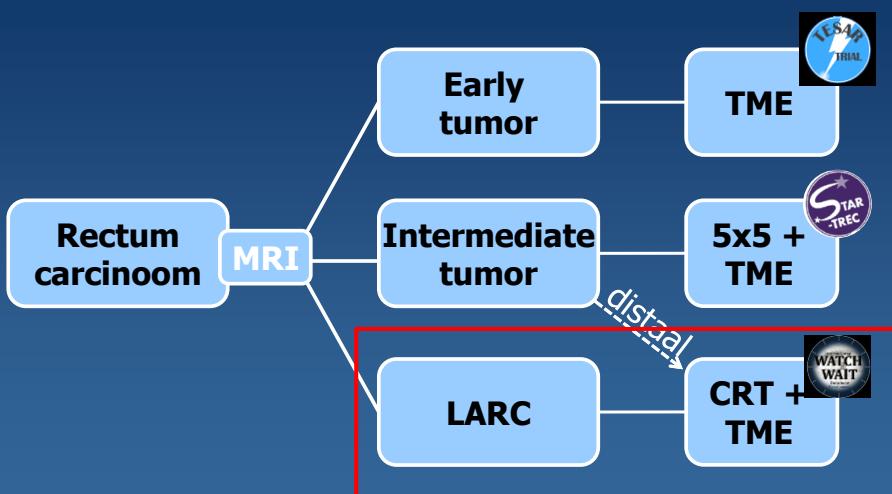


No Disclosure

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Behandeling



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Chirurgische behandeling?



☒ Hoge tumor:

- Geen sfincter invasie
- **LAR** + anastomose



☒ Lage tumor:

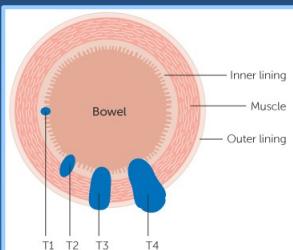
- Sfincter invasie
- **APR** + stoma

Chirurgische behandeling?

☒ Kleine oppervlakkige tumor

- Indien geen maligne klieren

→ **TEM**



Operative Versus Nonoperative Treatment for Stage 0
Distal Rectal Cancer Following Chemoradiation Therapy
Long-term Results

Angelita Habr-Gama, MD,* Rodrigo Oliva Perez, MD,* Wladimir Nadalin, MD,†
Jorge Sabbaga, MD,† Ulysses Ribeiro Jr, MD,‡ Afonso Henrique Silva e Sousa Jr, MD,*
Fábio Guilherme Campos, MD,* Desidério Roberto Kiss, MD,* and Joaquim Gama-Rodrigues, MD‡



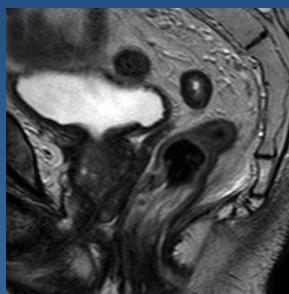
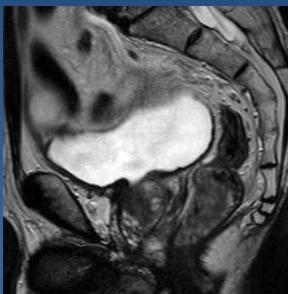
- ☒ 2004
- ☒ Annals of surgery
- ☒ Na CRT, klinisch complete respons
- ☒ Geen operatie meer noodzakelijk?

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2004 – eerste patiënt MUMC+

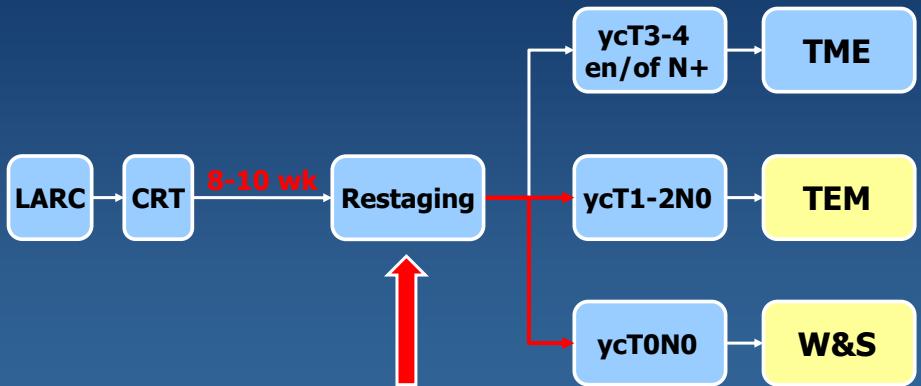
- ☒ 67 jaar, distaal cT3N1M0
- ☒ Chemoradiatie en APR
- ☒ Tumor verdwenen → weigerde operatie



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Studie opzet MUMC+



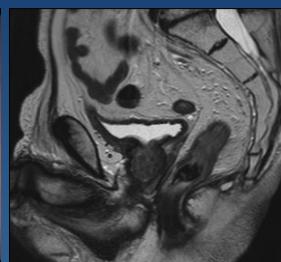
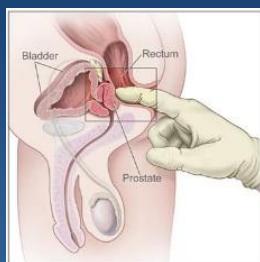
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Selectie van de patiënten



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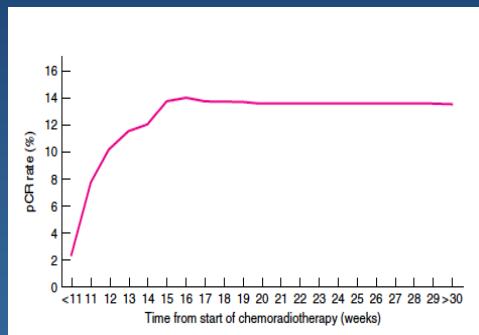


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Veranderingen t.o.v. 2004

- ▀ Langer interval: 10 weken
- ▀ Hoe langer je wacht, hoe meer effect

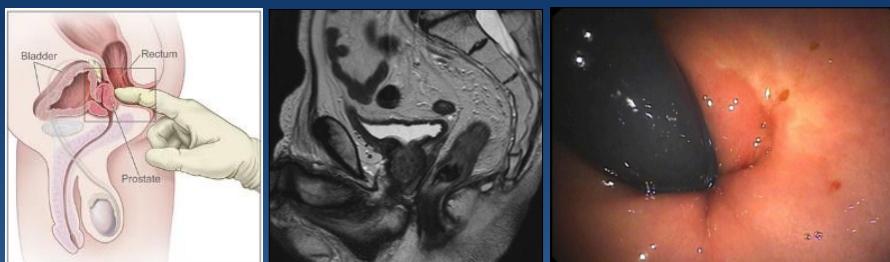


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Sloothaak et al. BJS 2013

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Follow-up van de patiënten



Year 1	Year 2	Year 3	Year 4	Year 5
4x CEA	4x CEA	4x CEA	2x CEA	2x CEA
2x CT	1x CT	1x CT	1x CT	1x CT
3x MRI	2x MRI	2x MRI	2x MRI	2x MRI
4x Endoscopy	2x Endoscopy	2x Endoscopy	2x Endoscopy	2x Endoscopy

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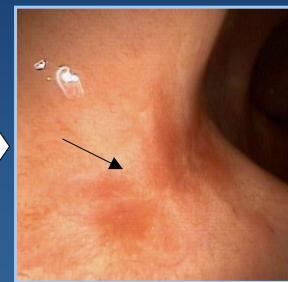
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Endoscopische beoordeling

- ☒ Geen resttumor, maar litteken



Diagnosis



Post-CRT

Endoscopische beoordeling

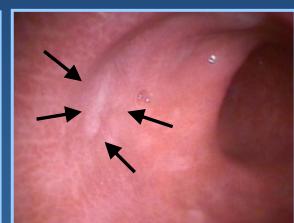
- ☒ Geen resttumor, maar litteken
- ☒ Soms klein ulcer



Diagnosis

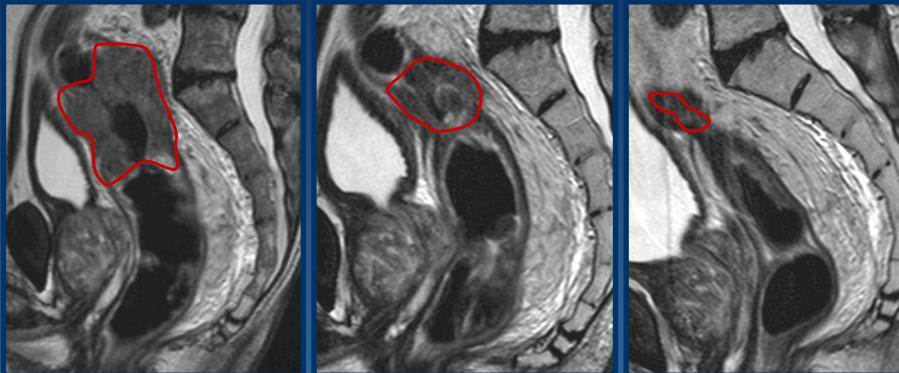


Post-CRT



6 mnd follow-up

Radiologische beoordeling



Diagnose

During

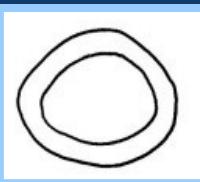
After CRT

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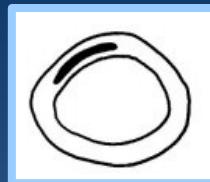
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Rectumwand morfologie

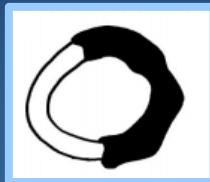
Genormaliseerd



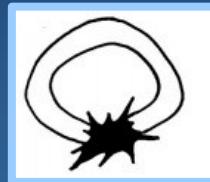
Minimale fibrose



Dikke fibrose



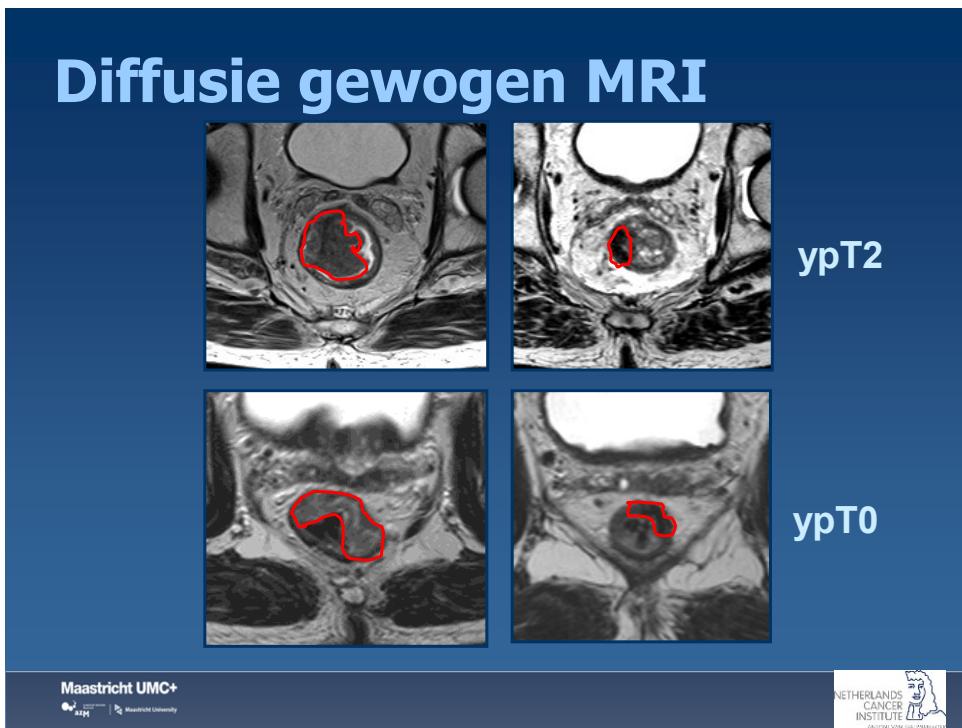
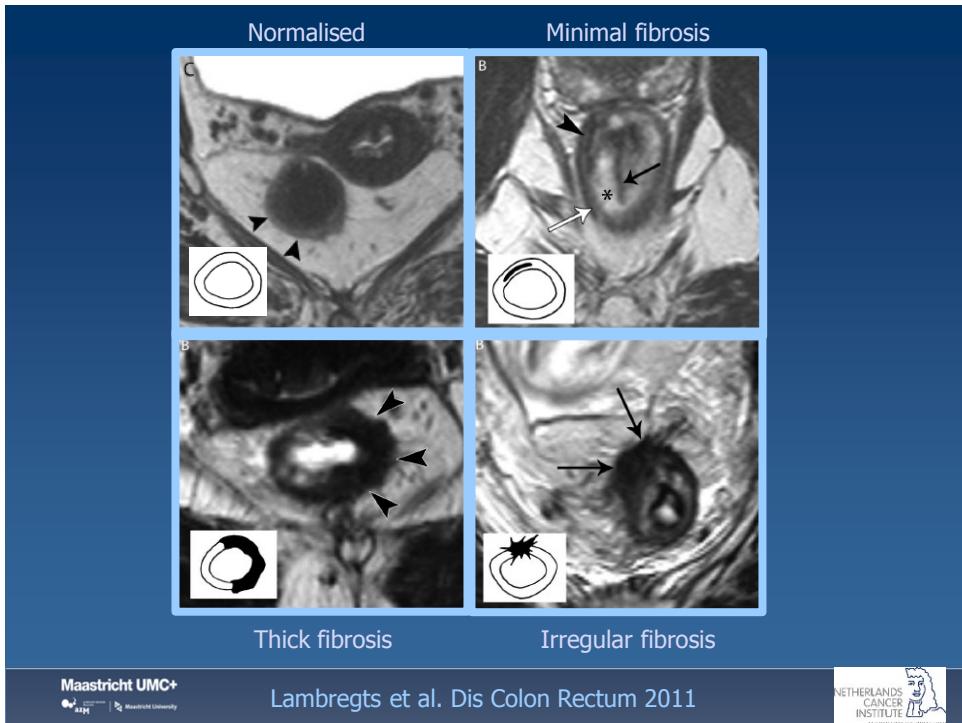
Irreguliere fibrose



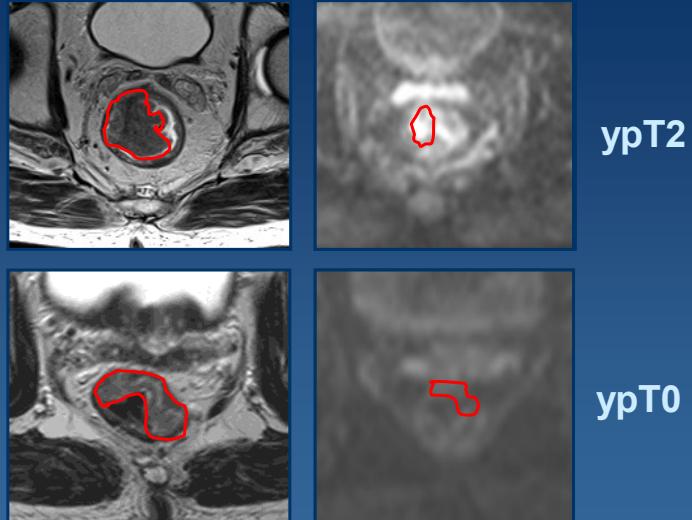
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Lambregts et al. Dis Colon Rectum 2011

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Diffusie gewogen MRI

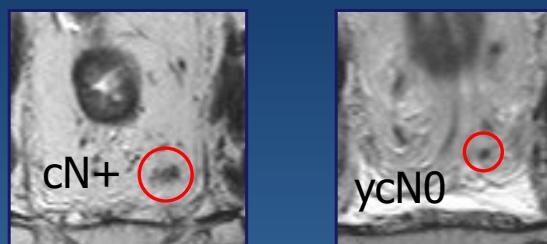


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Klierrespons

☒ N-downstaging t/m 86%



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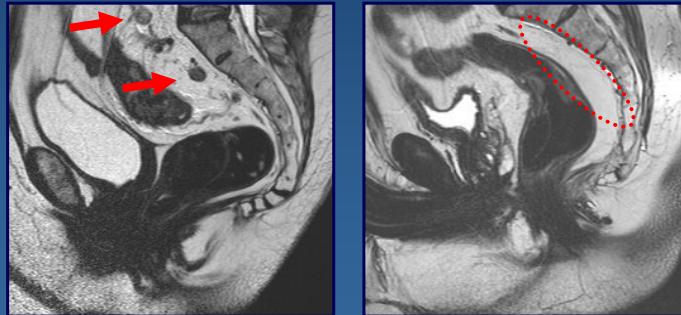
Koh 2008, Hughes 2006, Habr-Gama 2007

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Klierrespons

☒ N-downstaging t/m 86%

☒ Tot wel 80% van klieren verdwijnt



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Koh 2008, Hughes 2006, Habr-Gama 2007

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Klierrespons

☒ N-downstaging t/m 86%

☒ Tot wel 80% van klieren verdwijnt

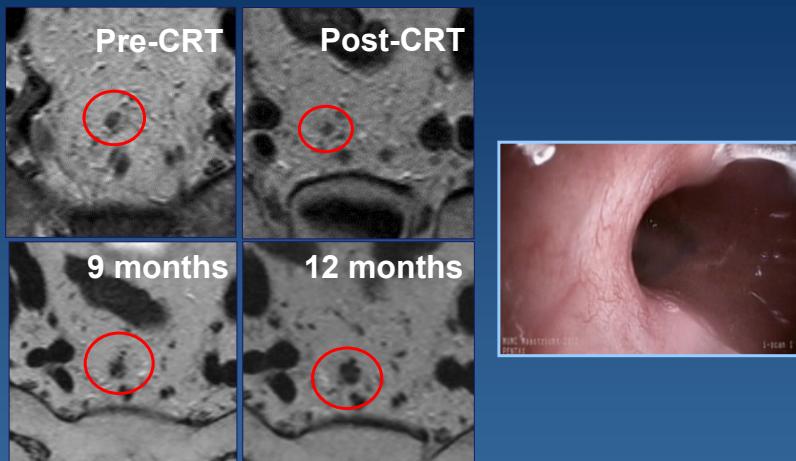
☒ Complete tumor respons: 5-17% N+!

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Maas 2010, Koh 2008, Hughes 2006, Habr-Gama 2007

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Klierrecidief



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Resultaten tot nu toe

Gemiddelde follow-up duur: 26 maanden



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Toenemend aantal patiënten

☒ Meer expertise centra

☒ Start Multicenter

- NKI-AvL, Amsterdam
- Isala, Zwolle
- ETZ, Tilburg
- etc..



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GOVN 2024 001-29980003

Vraag van patiënt

☒ Steeds vaker door patiënt geïnitieerd



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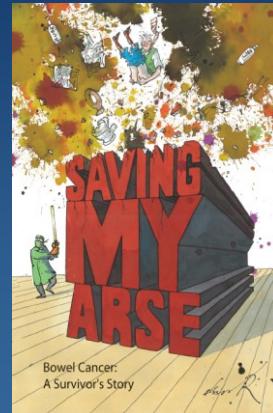
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Vraag van patiënt

- ☒ Steeds meer bekendheid



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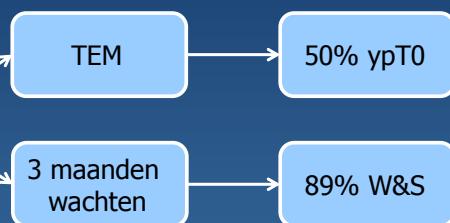
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Near complete response

- ☒ Veel patiënten met near complete response



Post-CRT



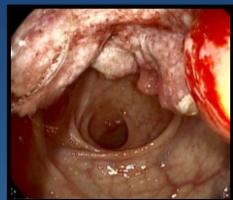
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Near complete response

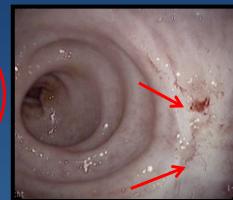
- Veel patiënten met near complete response



Diagnosis



Post-CRT



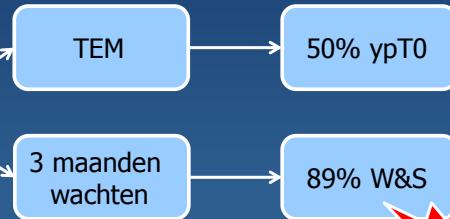
6 mnd follow-up

Near complete response

- Veel patiënten met near complete response



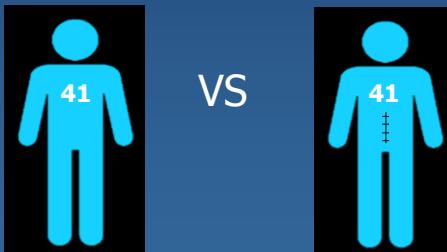
Post-CRT



Focus op kwaliteit van leven

- ☒ Steeds meer focus op kwaliteit van leven en functionaliteit

- ☒ W&S vergeleken met TME



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NCI

Focus op kwaliteit van leven

- ☒ Retrospectieve studie
 - In alle domeinen betere kwaliteit van leven
 - Algemene gezondheid
 - Defecatie problemen
 - Seksuele problemen
 - Problemen van de urinewegen

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NCI

Focus op kwaliteit van leven

- ☒ Retrospectieve studie



- ☒ Alleen CRT
- ☒ Meerderheid klachten
- ☒ Bestralingsvelden aanpassen?

Focus op kwaliteit van leven

- ☒ Steeds meer focus op kwaliteit van leven en functionaliteit
- ☒ W&S vergeleken met TME
- ☒ Lopende studie: Wait and see 2

Start internationale registratie

- ☒ International Watch and Wait database
- ☒ IWWD

- ☒ Online database
- ☒ Opslag van klinische data en beeldvorming



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Start internationale registratie

- ☒ International Watch and Wait database

- ☒ IWWD



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