

Locally advanced resectable gastric or gastroesophageal junction (G/GEJ) adenocarcinoma: can we do better?

Discussion of RESOLVE and DRAGON IV/CAP 05

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DECLARATION OF INTERESTS

Hanneke van Laarhoven:

Consultant or advisory role: Amphera, Anocca, Astellas, AstraZeneca, Beigene, Boehringer, Daiichy-Sankyo, Dragonfly, MSD, Myeloid, Servier

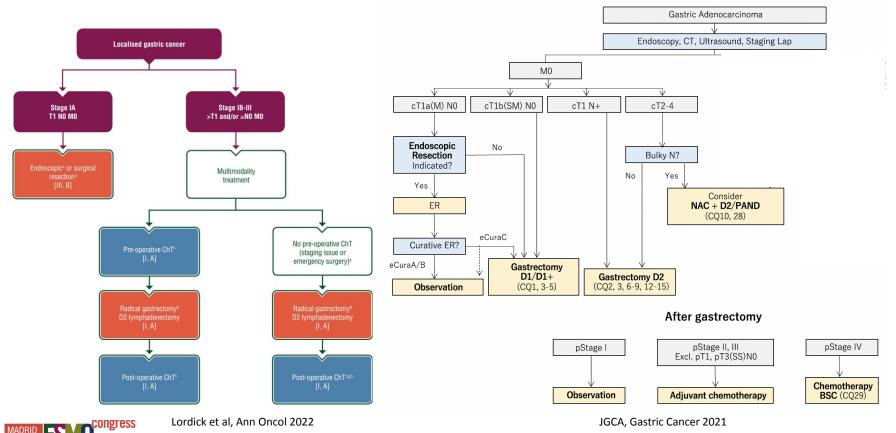
Research funding, medication supply, and/or other research support: Auristone, Incyte, Merck, ORCA, Servier

Speaker role: Astellas, Beigene, Benecke, BMS, Daiichy-Sankyo, JAAP, Medtalks, Novartis, Springer, Travel Congress Management B.V

Employment and leadership: Amsterdam UMC, the Netherlands (head of the department of medical oncology) Honorary: ESMO (chair upper GI faculty)



What do we need to RESOLVE? Peri-operative versus adjuvant



Hypothesis: peri-operative/neoadjuvant treatment improves survival

Downstage the tumour

 \rightarrow Increase R0 resection rate

Treat micrometastatic disease

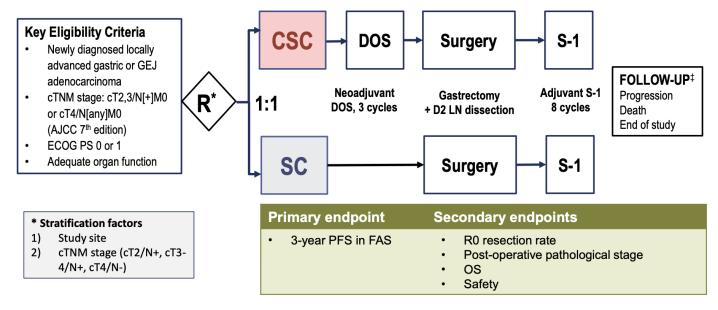
→ Improve overall survival

Better tolerability



Peri-operative versus adjuvant: PRODIGY

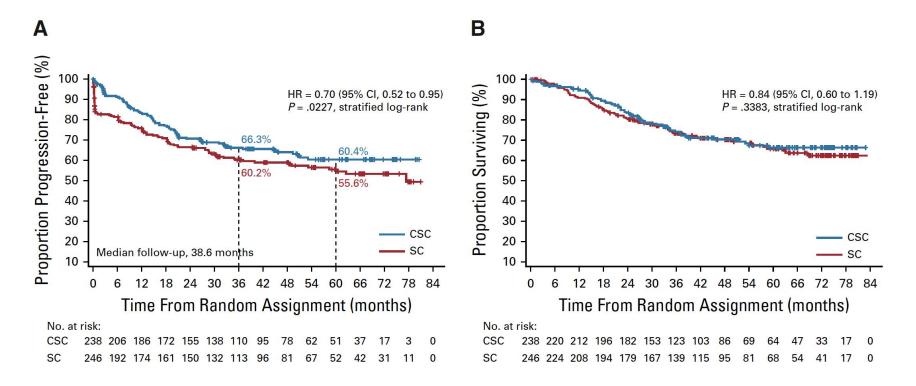
CSC arm: Neoadjuvant <u>C</u>hemotherapy + <u>S</u>urgery + Adjuvant <u>C</u>hemotherapy **SC arm**: <u>S</u>urgery + Adjuvant <u>C</u>hemotherapy



[‡] Abdominopelvic CT every 6 months and esophagogastroduodenoscopy every 1 year after surgery Abbreviations: FAS, Full analysis set; DOS, Docetaxel/Oxaliplatin/S-1

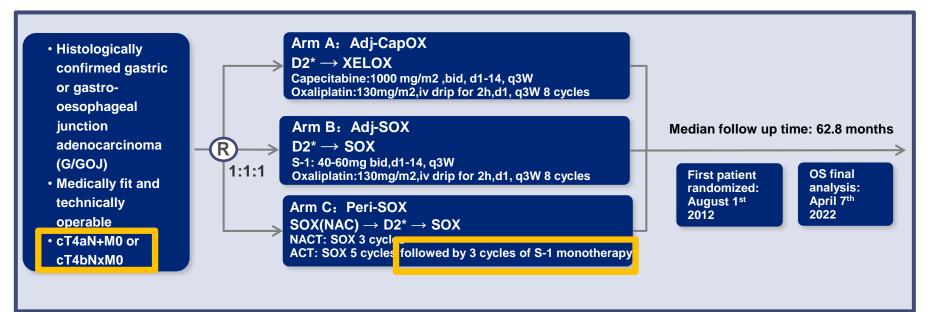


Peri-operative versus adjuvant: PRODIGY





Peri-operative versus adjuvant: RESOLVE



Stratified by Lauren's classification and Sites

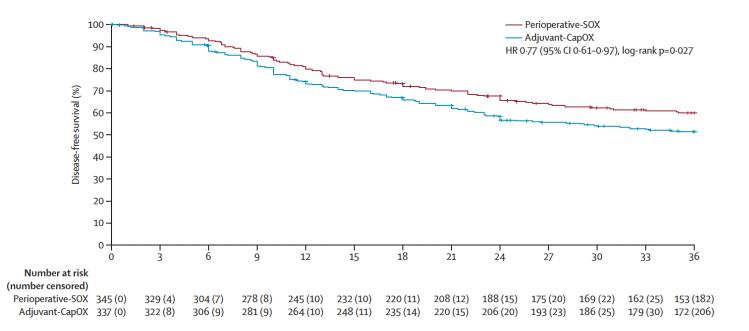
Tumor assessment: CT/MRI of thorax/abdomen/Pelvic,endo-ultrasound (evt. diagnostic laparoscopy)

*N : mITT ; *D2: Gastrectomy with D2 lymphadenectomy by open surgery



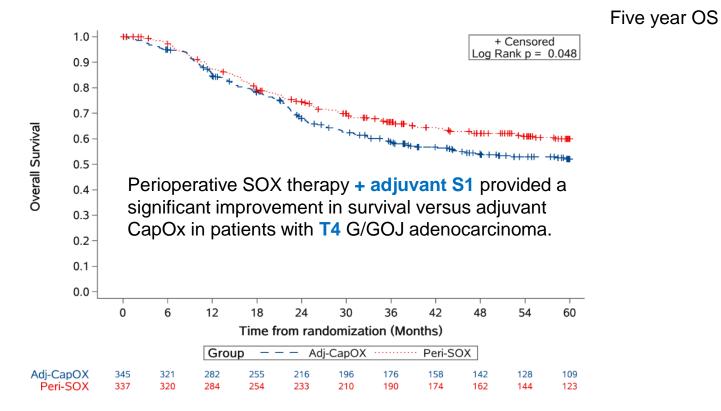
Peri-operative versus adjuvant: RESOLVE - past

Three year DFS



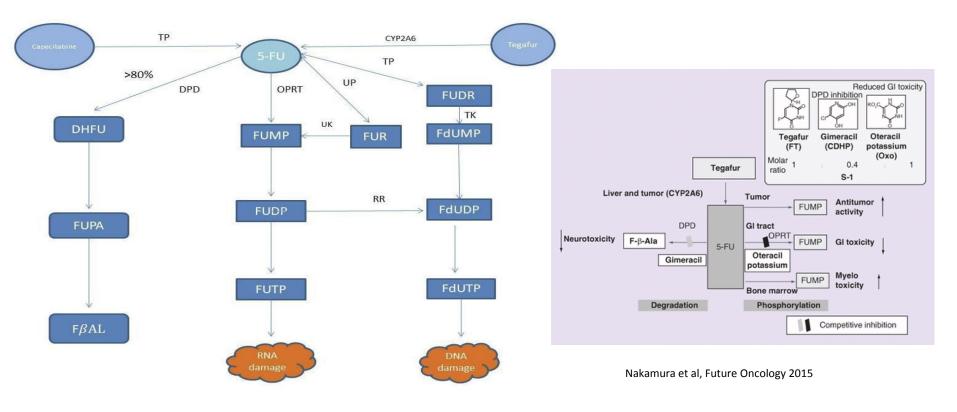


Peri-operative versus adjuvant: RESOLVE - present





What do we need to RESOLVE? Type of fluorpyrimidine

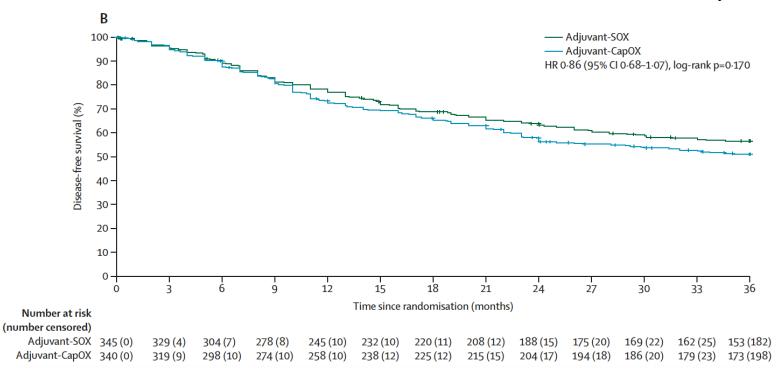




Deac et al, Medicine and Pharmacy Reports 2020

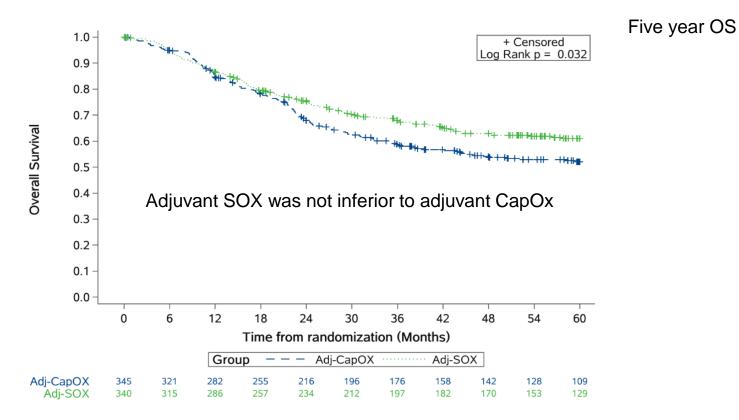
Type of fluoropyrimidine: RESOLVE - past

Three year DFS





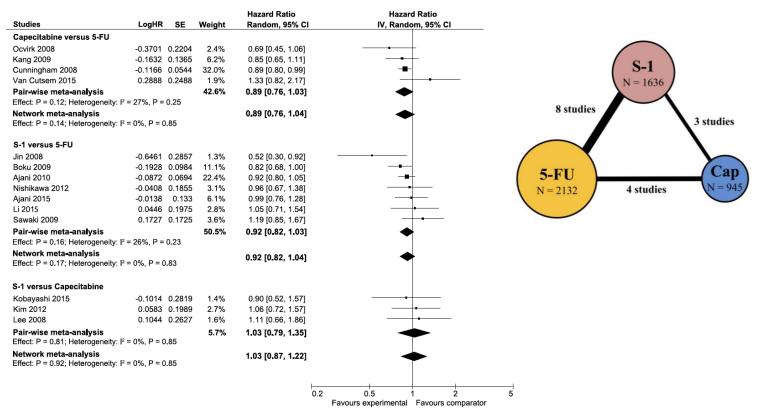
Peri-operative versus adjuvant: RESOLVE - present





Zhang et al, ESMO 2023

Data from the metastatic setting





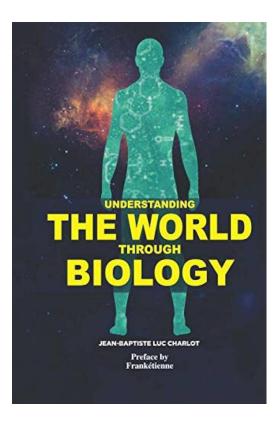
Data from the metastatic setting

Stomatitis	1-2	S-1	9	42
		Cap	24	44
	3-4	S-1	NA	NA
		Cap	NA	NA
Anorexia	1-2	S-1	88	163
		Cap	97	163
	3-4	S-1	16	163
		Cap	12	163
Fatigue	1-2	S-1	NA	NA
C		Cap	NA	NA
	3-4	S-1	3	56
		Cap	3	55
Asthenia	1-2	S-1	57	107
		Cap	57	110
	3-4	S-1	4	107
		Cap	9	110
Dehydration	1-2	S-1	NA	NA
-		Cap	NA	NA
	3-4	S-1	5	56
		Cap	7	55
Hand-foot	1-2	S-1	14	163
syndrome		Cap	60	163
	3-4	S-1	0	163
		Cap	5	163
Neuropathy	1-2	S-1	28	121
		Cap	39	119
	3-4	S-1	NA	NA
		Cap	NA	NA



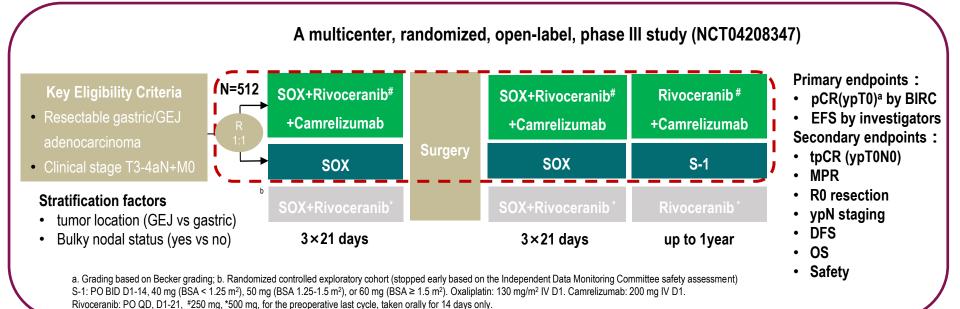
Ter Veer et al, Scientific Reports 2017

How can we improve impact on survival?



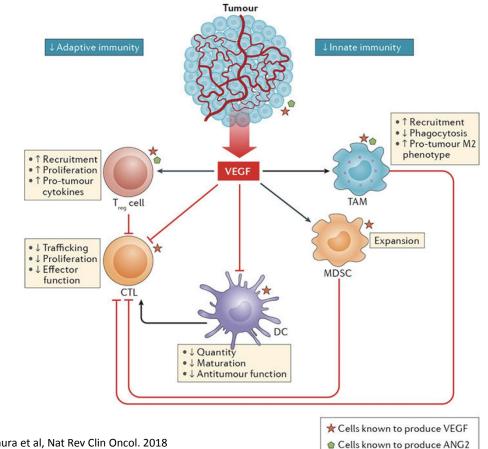


DRAGON IV/CAP05



Li et al, ESMO 2023

VEGF and the tumor immune microenvironment

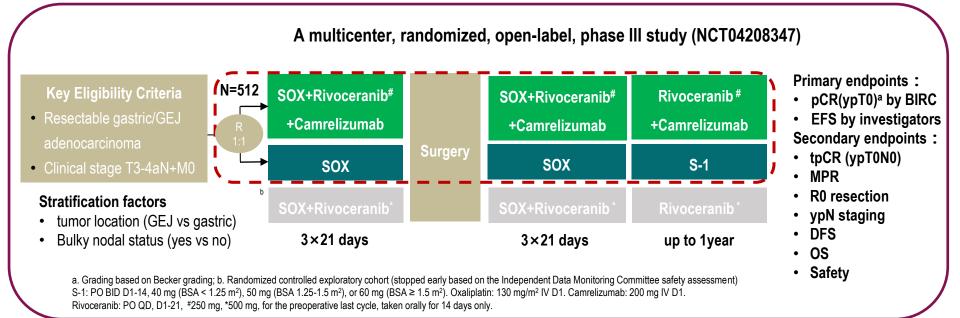


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congress

MADRID

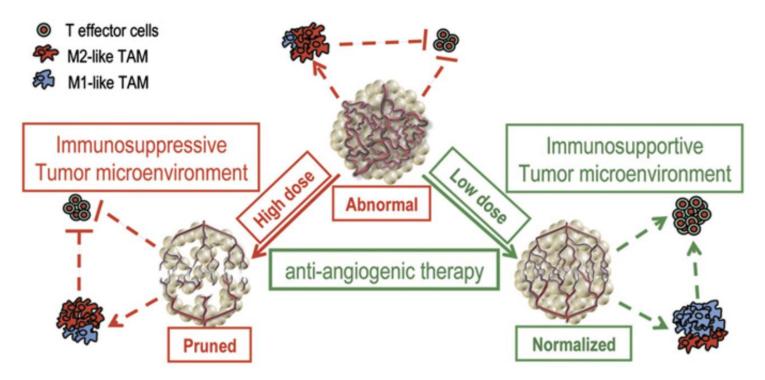
DRAGON IV/CAP05



Rivoceranib: PO QD, D1-21, #250 mg

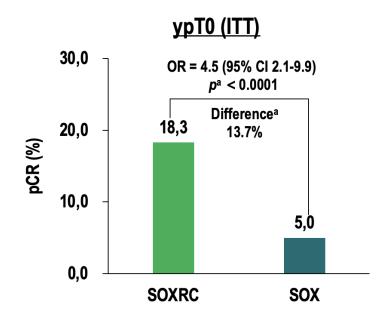


Low dose antiangiogenic treatment



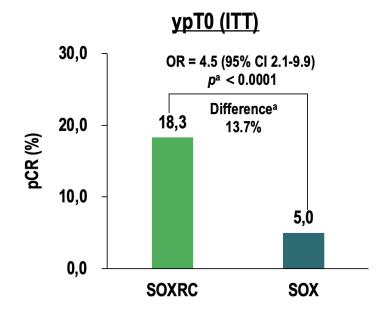


DRAGON IV/CAP05: primary endpoint





DRAGON IV/CAP05: questions none can answer (yet)

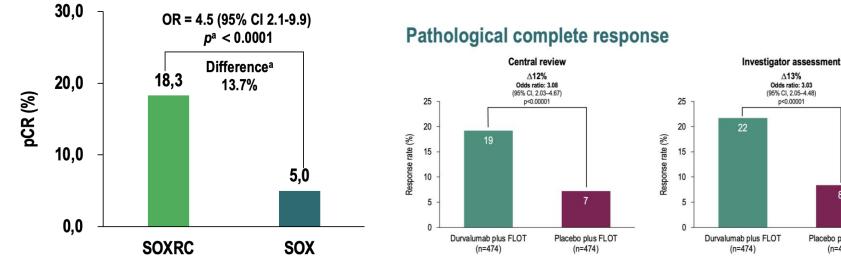


Is this a camrelizumab effect, a rivoceranib effect, or a combination effect?



DRAGON IV/CAP05: what agents make the difference?

Is this a **camrelizumab** effect, a rivoceranib effect, or a combination effect?



Al-Batran et al, ESMO 2023, MATTERHORN

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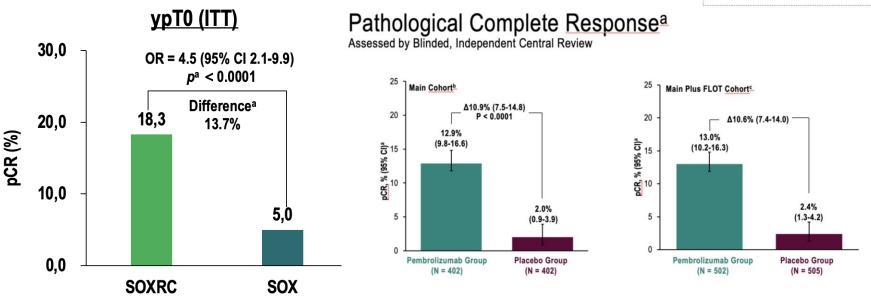
Placebo plus FLOT

(n=474)



ypT0 (ITT)

DRAGON IV/CAP05: what about survival?



Is this pCR effect sufficient to convey survival benefit?

Shitara et al, ESMO 2023, Keynote-585



DRAGON IV/CAP05: what about survival?

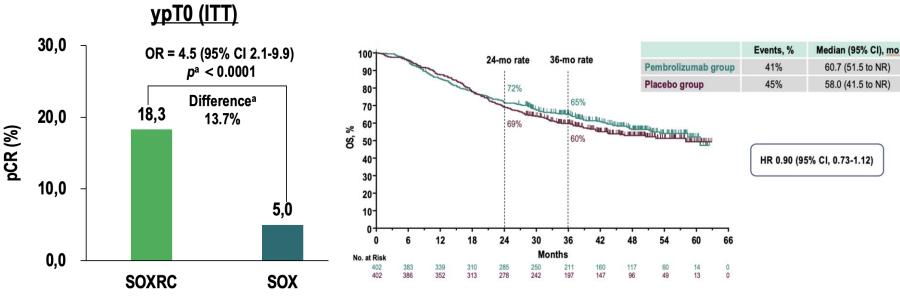
Is this pCR effect sufficient to convey survival benefit?

<u>ypT0 (ITT)</u> Event-Free Survival: Main Cohort 30,0 OR = 4.5 (95% CI 2.1-9.9) Median (95% CI), mo 100 Events, % $p^{\rm a} < 0.0001$ 90 Pembrolizumab group 46% 44.4 (33.0 to NR) 24-mo rate 36-mo rate Difference^a 80· Placebo group 53% 25.3 (20.6-33.9) 18,3 20,0 13.7% 70· 58% pCR (%) 60 % EFS, 50 51% 40 HR 0.81 (95% CI, 0.67-0.99) 44% 10,0 30- $P = 0.0198^{a}$ 20-5,0 10-0-12 18 24 30 36 42 48 54 66 0,0 Months No. at Risk 233 217 326 332 276 265 207 183 182 154 147 126 118 105 77 63 0 SOXRC SOX 402

Shitara et al, ESMO 2023, Keynote-585



DRAGON IV/CAP05: what about survival?



Is this pCR effect sufficient to convey survival benefit?

Shitara et al, ESMO 2023, Keynote-585

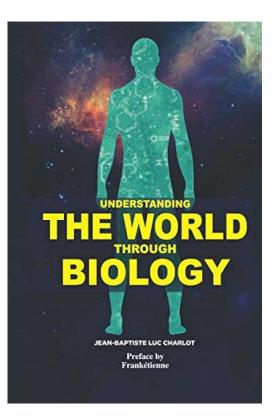


Take home

RESOLVE:

Peri-operative treatment preferred over adjuvant in locally advanced disease

DRAGON IV/CAP05: Peri-operative chemotherapy outcomes may be improved by adding IO/anti-angiogenic agents







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