




Οργάνωση: Ελληνική Οργάνωση Πρόληψης και Εκπαίδευσης για τον Καρκίνο (ΕΟΠΕΓΚ)

Σε συνεργασία με: • Ε' Παθολογική Ογκολογική Κλινική, Νοσοκομείο «Υγεία»  
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# Η ογκολογία το 2022

Νεότερες εξελίξεις και ιατρική ακριβείας



Ξενοδοχείο  
**Crowne Plaza**  
Αθήνα

**7-8**  
Οκτωβρίου  
2022

Επιστημονικό  
Πρόγραμμα

Χορηγούνται  
15 Μόρια  
Συνεχιζόμενης  
Ιατρικής  
Εκπαίδευσης  
(CME-CPD)

## NSCLC stage IIIA role of radiotherapy

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# Stage IIIA NSCLC

clinical or pathological?

T1a N2 M0

T1b N2 M0

T1c N2 M0

T2a N2 M0

T2b N2 M0

T3 N1 M0

T4 N0 M0

superior sulcus?

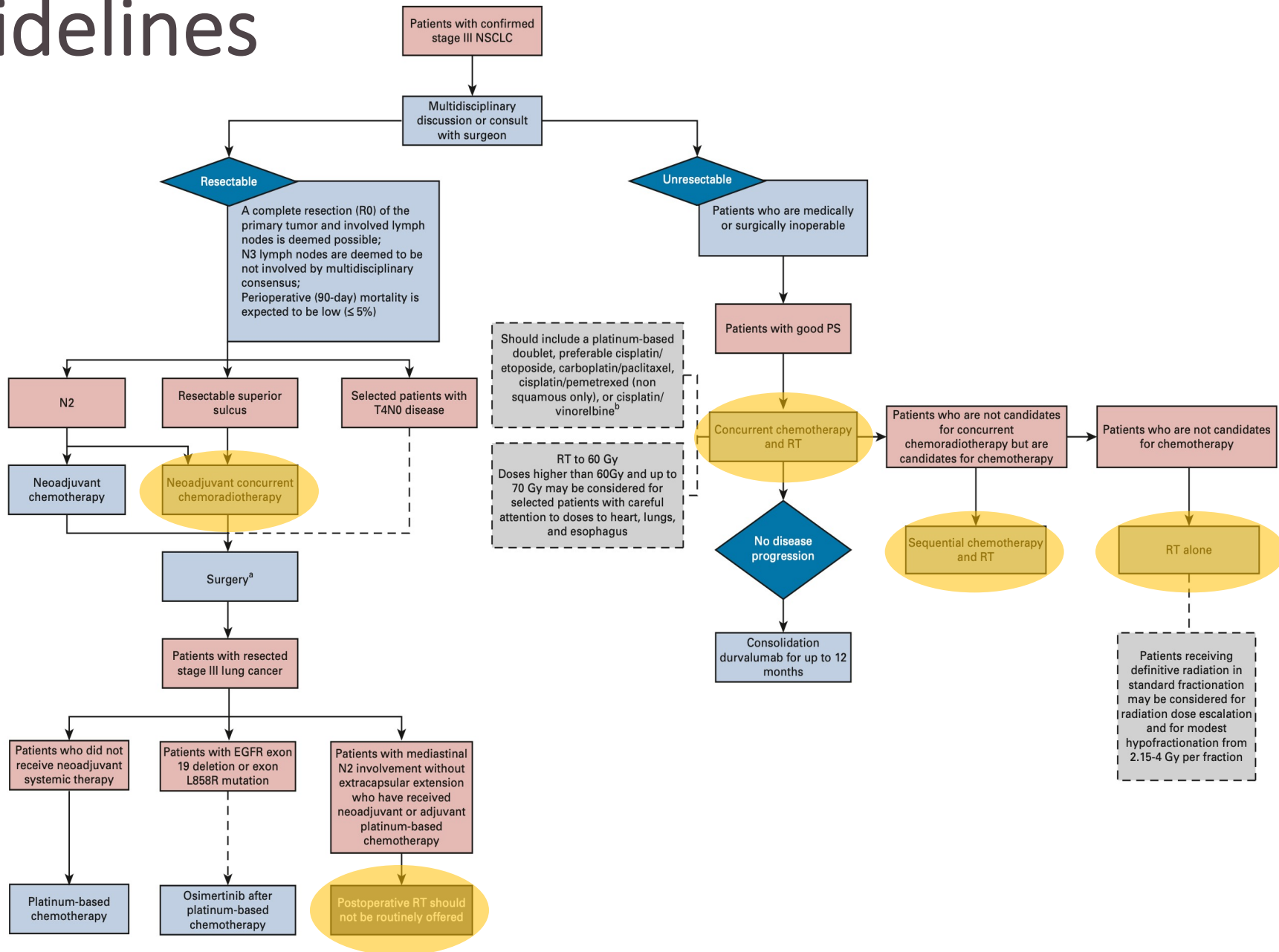
T4 N1 M0

resectable?

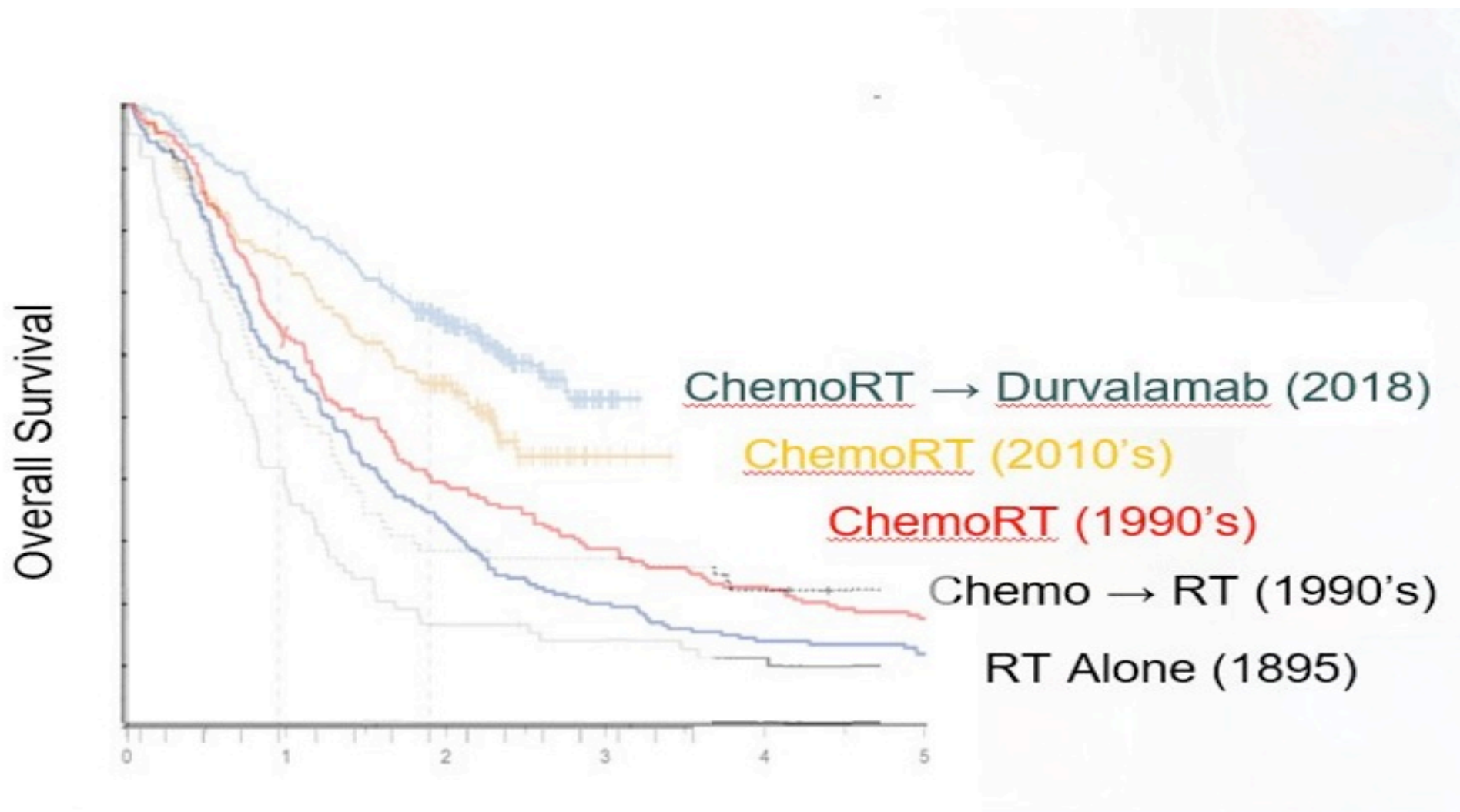
chest wall?

spine?

# ASCO Guidelines



# median survival time improvement for St III NSCLC

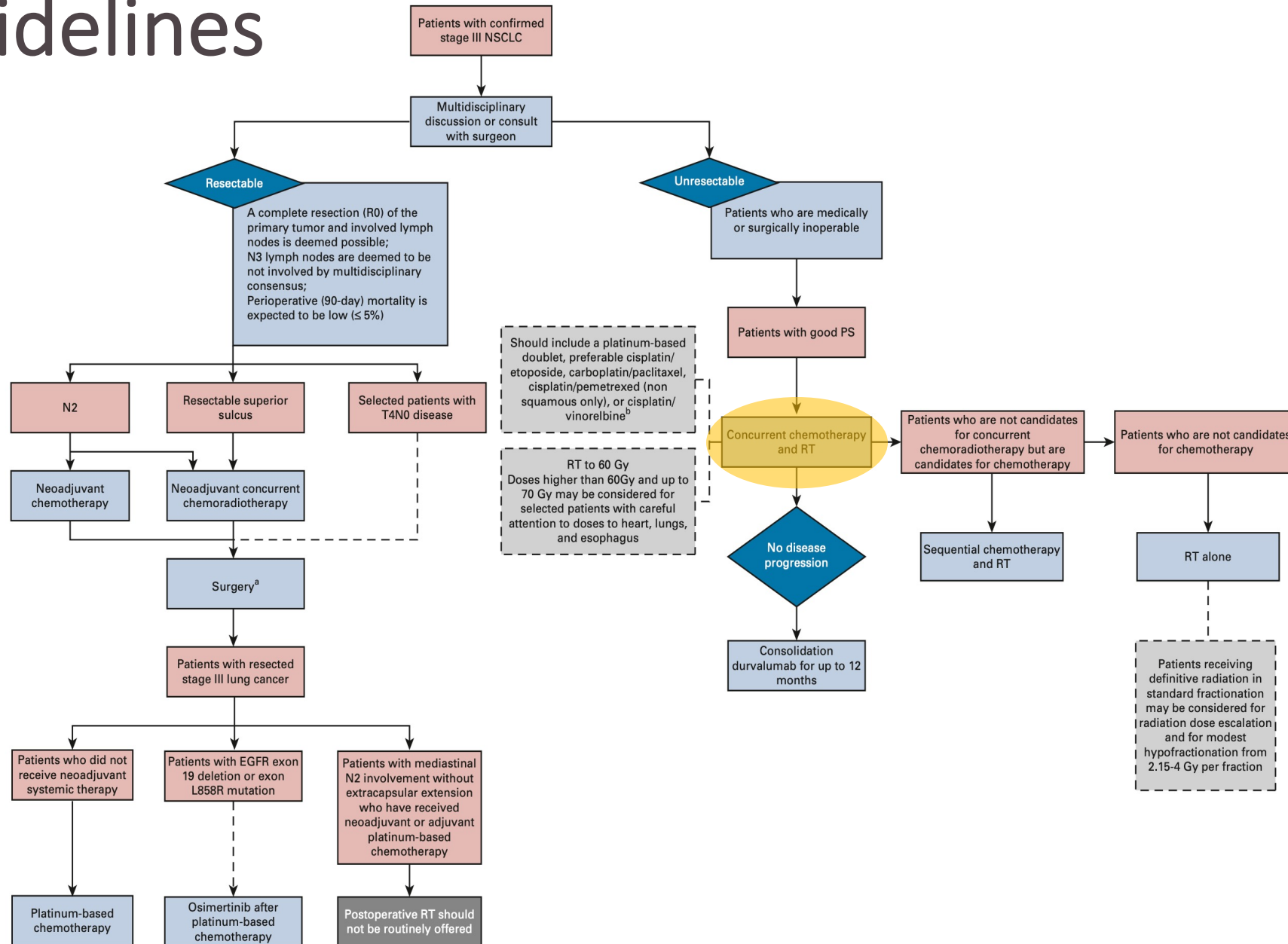


# RT has improved as well

- target definition: locating tumor on **CT simulation** rather than landmarks
- **volumetric (3D)** rather than point (2D) dose prescription (conformal 3D; IMRT; VMAT; protons)
- use of **lower photon** energy (6-10 MV)
- **heterogeneity** correction: (lung vs. tumor density)
- accounting for **motion**: 4D CT simulation
- not missing the tumor during daily RT: **IGRT**
- understanding **normal tissue tolerance** (lung V20)
- **limiting breaks** during treatment course

definitive ChT/RT

# ASCO Guidelines



# Durvalumab after Chemoradiotherapy in Stage III Non–Small-Cell Lung Cancer

**Table 3. Adverse Events of Any Cause.**

Event	Durvalumab (N=475)		Placebo (N=234)	
	Any Grade*	Grade 3 or 4	Any Grade*	Grade 3 or 4
	<i>number of patients with event (percent)</i>			
Any event	460 (96.8)	142 (29.9)	222 (94.9)	61 (26.1)
Cough	168 (35.4)	2 (0.4)	59 (25.2)	1 (0.4)
Pneumonitis or radiation pneumonitis†	161 (33.9)	16 (3.4)	58 (24.8)	6 (2.6)
Fatigue	113 (23.8)	1 (0.2)	48 (20.5)	3 (1.3)
Dyspnea	106 (22.3)	7 (1.5)	56 (23.9)	6 (2.6)
Diarrhea	97 (20.4)	2 (0.4)	44 (18.8)	3 (1.3)
Pyrexia				0
Decreased appetite				2 (0.9)
Nausea				0
Pneumonia				9 (3.8)
Arthralgia	59 (12.4)	0	26 (11.1)	0
Pruritus	58 (12.2)	0	11 (4.7)	0
Rash	58 (12.2)	1 (0.2)	17 (7.3)	0
Upper respiratory tract infection	58 (12.2)	1 (0.2)	23 (9.8)	0
Constipation	56 (11.8)	1 (0.2)	20 (8.5)	0
Hypothyroidism	55 (11.6)	1 (0.2)	4 (1.7)	0
Headache	52 (10.9)	1 (0.2)	21 (9.0)	2 (0.9)
Asthenia	51 (10.7)	3 (0.6)	31 (13.2)	1 (0.4)
Back pain	50 (10.5)	1 (0.2)	27 (11.5)	1 (0.4)
Musculoskeletal pain	39 (8.2)	3 (0.6)	24 (10.3)	1 (0.4)
Anemia	36 (7.6)	14 (2.9)	25 (10.7)	8 (3.4)

## CONCLUSIONS

Progression-free survival was significantly longer with durvalumab than with placebo.

The secondary end points also favored durvalumab, and safety was similar between

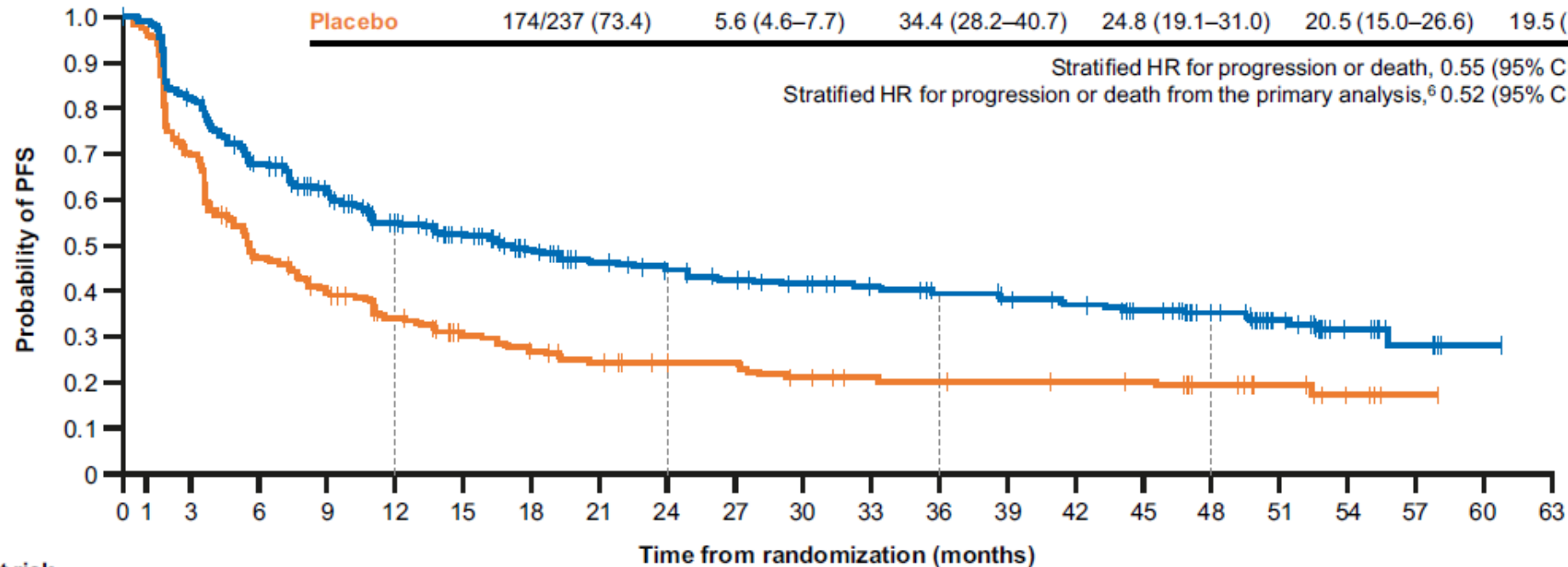
the groups. (Funded by AstraZeneca; PACIFIC ClinicalTrials.gov number, NCT02125461.)



# Four-Year Survival With Durvalumab After Chemoradiotherapy in Stage III NSCLC—an Update From the PACIFIC Trial



	No. of events/ total no. of patients (%)	Median PFS (95% CI), months	12-month PFS rate (95% CI) %	24-month PFS rate (95% CI) %	36-month PFS rate (95% CI) %	48-month PFS rate (95% CI) %
<b>Durvalumab</b>	266/476 (55.9)	17.2 (12.3–23.8)	55.3 (50.5–59.8)	44.8 (39.8–49.6)	39.8 (34.8–44.8)	35.3 (30.3–40.4)
<b>Placebo</b>	174/237 (73.4)	5.6 (4.6–7.7)	34.4 (28.2–40.7)	24.8 (19.1–31.0)	20.5 (15.0–26.6)	19.5 (14.1–25.7)



No. at risk	0	1	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
<b>Durvalumab</b>	476	377	301	266	213	189	165	146	136	127	119	110	103	97	92	80	59	37	18	8	1	0	0
<b>Placebo</b>	237	163	105	86	67	55	47	40	36	35	29	26	25	24	23	22	16	11	5	1	0	0	0

preoperative ChT/RT