

## Staging - Entwicklung

- **IASLC: Lung Cancer Staging Project**  
n = 67725
- **TNM 2009 (7th edition )**

T-Deskription: R. Rami-Porta et al., J Thorac Oncol, 2007; Vol 2:593-602

N-Deskription: V. Rusch et al., J Thorac Oncol, 2007; Vol 2: 603-612

TNM: 7.Edition 2009

<b>Sixt Edition T/M Descriptor</b>	<b>Proposed T/M</b>	<b>N0</b>	<b>N1</b>	<b>N2</b>	<b>N3</b>
T1 (< 2 cm)	T1a	IA	IIA	IIIA	IIIB
T2 (> 2 – 3 cm)	T1b	IA	IIA	IIIA	IIIB
T2 (< 5 cm)	T2a	IB	<b>IIA</b>	IIIA	IIIB
T2 (> 5 – 7 cm)	T2b	<b>IIA</b>	IIIB	IIIA	IIIB
T2 (> 7 cm)	T3	<b>IIIB</b>	<b>IIIA</b>	IIIA	IIIB
T3 (invasion)		IIIB	IIIA	IIIA	IIIB
T4 (same lobe nodules)		<b>IIIB</b>	<b>IIIA</b>	<b>IIIA</b>	IIIB
T4 (extension)	T4	<b>IIIA</b>	<b>IIIA</b>	IIIB	IIIB
M1 (ipsilateral lung)		<b>IIIA</b>	<b>IIIA</b>	<b>IIIB</b>	<b>IIIB</b>
T4 (pleural effusion)	M1a	<b>IV</b>	<b>IV</b>	<b>IV</b>	<b>IV</b>
M1 (contralateral lung)		IV	IV	IV	IV
M1 (distant)	M1b	IV	IV	IV	IV

<b>Reklassifizierung</b>	<b>bisher</b>	<b>jetzt</b>
Tumorgröße > 7 cm	T2 →	T3
Primärtumoren mit Satellitenherden im gleichen Lungenlappen	T4 →	T3
Primärtumoren mit Satellitenherden in anderen ipsilateralen Lappen	M1 →	T4
T2b – N0 – M0	IB →	IIA
T2a – N1 – M0	IIB →	IIA
T4 – N0 – M0	IIIB →	IIIA
Maligner Pleura- oder Perikarderguss bzw. pleurale Metastasen	T4 →	M1a

# 7te Edition TNM-Klassifikation

T and M		N0	N1	N2	N3
UICC6 and Descriptor	New T/M	Stg	Stg	Stg	Stg
T1 (<=2cm)	T1a	IA	IIA	IIIA	IIIB
T1 (>2 – 3 cm)	T1b	IA	IIA	IIIA	IIIB
T2(<=5cm)	T2a	IB	IIA	IIIA	IIIB
T2 (>5-7cm)	T2b	IIA	IIB	IIIA	IIIB
T2 (>7cm))	T3	IIB	IIIA	IIIA	IIIB
T3 invasion		IIB	IIIA	IIIA	IIIB
T4 (same lobe nodules)		IIB	IIIA	IIIA	IIIB
T4 (extension)	T4	IIIA	IIIA	IIIB	IIIB
M1 (ipsilateral lung)		IIIA	IIIA	IIIB	IIIB
T4 (pleural effusion)	M1a	IV	IV	IV	IV
M1 (contralateral lung)		IV	IV	IV	IV
M1 (distant)	M1b	IV	IV	IV	IV

# 7te Edition TNM-Klassifikation

**TABLE 5.** Sample Sizes for TNM Subsets Providing the Basis for Proposed Changes T1–T3 by Best Stage, T4 by Best Stage, and M1 by Best Stage

T1–T3 by Best Stage		N0		N1		N2		N3	
Sixth Edition Descriptor	Proposed T/M	Overall Stage	Sample Size	Overall Stage	Sample Size	Overall Stage	Sample Size	Overall Stage	Sample Size
T1 (≤2 cm)	T1a	IA	2134	IIA	242	IIIA	257	IIIB	19
T1 (>2–3 cm)	T1b	IA	1902	IIA	360	IIIA	412	IIIB	13
<b>T2 (≤5 cm)</b>	T2a	IB	3547	<b>IIB→IIA</b>	<b>1184</b>	IIIA	1198	IIIB	60
T2 (>5–7 cm)	T2b	<b>IB→IIA</b>	<b>1016</b>	IIIB	400	IIIA	374	IIIB	20
T2 (>7 cm)	T3	<b>IB→IIIB</b>	457	<b>IIIB→IIIA</b>	<b>205</b>	IIIA	211	IIIB	5
T3 (invasion)		IIIB	3113	IIIA	1329	IIIA	2735	IIIB	642
T4 (same lobe nodules)		<b>IIIB→IIIB</b>	174	<b>IIIB→IIIA</b>	70	<b>IIIB→IIIA</b>	127	IIIB	5
T4 by Best Stage		N0–N1				N2–N3			
Sixth Edition Descriptor	Proposed T/M	Overall Stage	Sample Size	Overall Stage	Sample Size	Overall Stage	Sample Size	Overall Stage	Sample Size
T4 (extension)	T4	<b>IIIB→IIIA</b>	432	IIIB	320				
M1 (ipsilateral lung)		<b>IV→IIIA</b>	97	IV→IIIB	86				
M1 by Best Stage		Any N							
Sixth Edition Descriptor	Proposed T/M	Overall Stage	Sample Size	Overall Stage	Sample Size	Overall Stage	Sample Size	Overall Stage	Sample Size
T4 (pleural dissemination)	M1a	<b>IIIB→IV</b>	683						
M1 (contralateral lung)		IV	230						
M1 (distant)	M1b	IV	2800						

Cells in bold indicate a change from the sixth edition for a particular TNM category. Samples sizes for T/M descriptors are summarized across N-stage categories where possible to highlight the decision points for the proposed stage groupings.