

Appendix 1: Data extraction templates

Data extraction template for publications

Study title	
Methods	<p>Journal:</p> <p>Publication type:</p> <p>Publication year:</p> <p>Study design:</p> <p>Phase:</p> <p>Study setting:</p> <p>Study data:</p>
Participants	<p>Population description:</p> <p>Number:</p> <p>Inclusion criteria:</p> <p>Exclusion criteria:</p> <p>EGFR mutation:</p> <p>High-risks:</p>
Interventions	<p>EGFR-TKI</p> <p>Number:</p> <p>TNM stage (stage IA):</p> <p>Age:</p> <p>Gender (male/female/all):</p> <p>Smoking (yes/never):</p> <p>Dose:</p> <p>Treatment duration:</p> <p>Follow-up time:</p>
Control	<p>EGFR-TKI:</p> <p>Number:</p> <p>TNM stage (stage IA):</p> <p>Age:</p> <p>Gender (male/female/all):</p> <p>Smoking (yes/never):</p> <p>Dose:</p> <p>Treatment duration:</p> <p>Follow-up time:</p>
Outcomes	
Abstract	

EGFR, epidermal growth factor receptor; EGFR-TKIs, EGFR-tyrosine kinase inhibitors; TNM, tumor-node-metastasis.

Data extraction template for ongoing studies

Official title	
Study ID	
Methods	Study type: Study phase: Locations: Objective:
Participants	Number of participants: Population description in EGFR mutation: Inclusion criteria: Exclusion criteria: High-risk factors:
Interventions	Time from surgery to medicine giving: Intervention: Comparator:
Outcomes	Primary outcomes: Secondary outcomes:
Study date	Start date: Study completion:
Notes	Investigators: Sponsors: Access information:

EGFR, epidermal growth factor receptor.

Table S1 Search strategy

Items	Specification
Search database	
Published studies	PubMed
	Embase
	Scopus
	Cochrane Library
	WOS
	CBM
	CNKI
	Wanfang Data
	VIP
Ongoing studies	Clinicaltrials.gov
	ChiCTR
	ICTRP
	ISRCTN
	EU Clinical Trials Register
	CENTRAL
Search strategy	
#1	"T1" OR "T 1" OR "T1a" OR "T1b" OR "T1c" OR "T 1a" OR "T 1b" OR "T 1c" OR "3cm" OR "3 cm" OR "IA" OR "I A" OR "IA1" OR "IA2" OR "IA3" OR "I A1" OR "I A2" OR "I A3" OR "stage I"
#2	"EGFR" OR "epidermal growth factor receptor"
#3	"Lung" OR "pulmon*" OR "NSCLC" OR "NSLC"
#4	#1 AND #2 AND #3
Search time	
Search interval	From the establishment of the database to 18 June 2025

CBM, China Biology Medicine Disc; CENTRAL, Cochrane Central Register of Controlled Trials; ChiCTR, Chinese Clinical Trial Registry; CNKI, China National Knowledge Infrastructure; EGFR, epidermal growth factor receptor; EU, European Union; ICTRP, International Clinical Trials Registry Platform; ISRCTN, the UK's Clinical Study Registry; NSCLC, non-small cell lung cancer; NSLC, non-small cell lung cancer; WOS, Web of Science; VIP, China Science and Technology Journal Database.