

## Appendix 1 Search Strategy

## PubMed

- #1. Lung Neoplasms [MeSH]
- #2. lung neoplasm\*[Title/Abstract]
- #3. lung cancer [Title/Abstract]
- #4. Lung [Title]
- #5. OR #1-#4
- #6. "Guideline"[Publication Type]
- #7. "Practice Guideline"[Publication Type]
- #8. "guideline\*" [Title]
- #9. "guidance\*" [Title]
- #10. "recommendation\*" [Title]
- #11. OR #6-#10
- #12. #5 AND #11
- #13. Lim2018/1/1-presen

Table S1 Characteristics of the included guidelines

No.	Publication language	Country/region	Histological classification	Year of publication	Scope/purpose	Journal	Developers
1 (10)	Chinese	China	SCLC	2020	Treatment	<i>Chinese Journal of Radiation Oncology</i>	CSTRO; CATRO; CART; CSCO
2 (11)	English	Global	SCLC	2020	Diagnosis and management	<i>J Thorac Oncol</i>	CommNETs/NANETS
3 (12)	English	Europe	SCLC	2020	Treatment	<i>Radiother Oncol</i>	ESTRO ACROP
4 (13)	English	Canada	SCLC	2018	Management	<i>Clin Oncol</i>	CCO
5 (14)	English	USA	SCLC	2020	Treatment	<i>Pract Radiat Oncol</i>	ASTRO
6 (15)	English	Spain	SCLC	2018	Diagnosis and treatment	<i>Clin Transl Oncol</i>	SEOM
7 (16)	English	Spain	SCLC	2020	Treatment	<i>Clin Transl Oncol</i>	SEOM
8 (17)	Chinese	China	NSCLC	2018	Diagnosis and treatment	<i>Chinese Journal of Pathology</i>	CSCO
9 (18)	Chinese	China	NSCLC	2020	Treatment	<i>Chinese Journal of Radiation Oncology</i>	CMA; CATRO; CART; CSCO
10 (19)	English	Italy	NSCLC	2019	Treatment	<i>Tumori</i>	AIOM
11 (20)	English	Italy	NSCLC	2020	Treatment	<i>Crit Rev Oncol Hematol</i>	AIOM
12 (21)	English	North America	NSCLC	2020	Treatment	<i>J Clin Oncol</i>	ASCO; OH(CCO)
13 (22)	English	Spain	NSCLC	2019	Treatment	<i>Clin Transl Oncol</i>	SEOM
14 (23)	English	Pan-Asia	NSCLC	2020	Management	<i>Ann Oncol</i>	KSMO; ESMO
15 (24)	English	Pan-Asia	NSCLC	2019	Management	<i>Ann Oncol</i>	CSCO; ESMO
16 (25)	English	Spain	NSCLC	2019	Treatment	<i>Crit Rev Oncol Hematol</i>	Multidisciplinary group
17 (26)	English	Europe	NSCLC	2019	Diagnosis and treatment	<i>Ann Oncol</i>	ESMO
18 (27)	English	Japan	NSCLC	2019	Diagnosis and treatment	<i>Int J Clin Oncol</i>	Japan Lung Cancer Society
19 (28)	English	USA	NSCLC	2020	Diagnosis and treatment	<i>NCCN website</i>	NCCN
20 (29)	English	Europe	NSCLC	2018	Diagnosis	<i>Radiother Oncol</i>	ESTRO; ACROP
21 (30)	English	USA	NSCLC	2019	Treatment	<i>Transl Lung Cancer Res</i>	Collaborative group
22 (31)	English	Italy	NSCLC	2020	Diagnosis and treatment	<i>Crit Rev Oncol Hematol</i>	AIOM
23 (32)	English	Italy	NSCLC	2019	Diagnosis and treatment	<i>Expert Rev Respir Med</i>	Multidisciplinary group
24 (33)	Chinese	China	NSCLC	2020	Diagnosis and treatment	<i>People's Medical Publishing House</i>	CSCO
25 (34)	English	India	NSCLC	2019	Testing	<i>Adv Ther</i>	Multidisciplinary group
26 (35)	English	USA	NSCLC	2019	Testing	<i>AJR Am J Roentgenol</i>	ASCO
27 (36)	English	Spain	NSCLC	2019	Testing	<i>Clin Transl Oncol</i>	SEOM; SEAP
28 (37)	English	Global	LC	2020	Treatment	<i>J Thorac Oncol</i>	Multidisciplinary group
29 (38)	English	Global	LC	2020	Diagnosis and treatment	<i>Crit Rev Oncol Hematol</i>	Cooperative group
30 (39)	English	China	LC	2019	Treatment	<i>Chin J Cancer Res</i>	NHC
31 (40)	English	USA	LC	2019	Treatment	<i>J Clin Oncol</i>	ASCO
32 (41)	English	Brazil	LC	2020	Management	<i>Clinics</i>	GBOT
33 (42)	English	Global	LC	2020	Diagnosis	<i>J Thorac Oncol</i>	IASLC
34 (43)	English	Europe	LC	2020	Management and treatment	<i>ESMO Open</i>	ESMO
35 (44)	Chinese	China	LC	2020	Diagnosis and treatment	<i>Chinese Journal of Oncology</i>	CMA
36 (45)	English	USA	LC	2019	Diagnosis	<i>J Am Coll Radiol</i>	ACR
37 (46)	Chinese	China	LC	2020	Treatment	<i>Chinese Journal of Oncology</i>	CEDA
38 (47)	English	UK	LC	2019	Diagnosis and management	<i>NICE website</i>	NICE
39 (48)	English	Global	LC	2019	Testing	<i>J Thorac Oncol</i>	IASLC
40 (49)	English	USA	LC	2018	Testing	<i>J Clin Oncol</i>	CAP; IASLC; AMP
41 (50)	English	Global	LC	2018	Testing	<i>Arch Pathol Lab Med</i>	CAP; IASLC; AMP
42 (51)	English	USA	LC	2018	Screening	<i>J Am Coll Radiol</i>	ACR
43 (52)	Chinese	China	LC	2018	Screening	<i>Chinese Journal of Lung Cancer</i>	CLCEDTEG
44 (53)	English	USA	LC	2020	Screening	<i>NCCN website</i>	NCCN
45 (54)	English	USA	LC	2020	Screening	<i>J Am Coll Radiol</i>	CHEST
46 (55)	English	Europe	LC	2020	Screening	<i>Cancers (Basel)</i>	IELS
47 (56)	English	Southern Africa	LC	2019	Screening	<i>J Thorac Dis</i>	Multidisciplinary group
48 (57)	English	Saudi Arabia	LC	2018	Screening	<i>Ann Thorac Med</i>	LCPSC
49 (58)	English	USA	LC	2018	Screening	<i>Chest</i>	CHEST

ACR, American College of Radiology; AMP, Association for Molecular Pathology; AIOM, Italian Association of Medical Oncology; ASCO, American Society of Clinical Oncology; ASTRO, American Society for Radiation Oncology; CAP, College of American Pathologists; CART, Chinese Association of Radiation Therapy; CATRO, Chinese Association for Therapeutic Radiation Oncologists; CEDA, Chinese Medical Doctor Association; CHEST, American College of Chest Physicians; CLCEDTEG, China lung cancer early detection and treatment expert group; CMA, Chinese Medical Association; CommNETs/NANETS, Commonwealth Neuroendocrine Tumour Research Collaboration and the North American Neuroendocrine Tumor Society; CSCO, Chinese Society of Clinical Oncology; CSTRO, China Society for Radiation Oncology; ESMO, European Society for Medical Oncology; GBOT, Brazilian Thoracic Oncology Group; IASLC, International Association for the Study of Lung Cancer; IELS, Initiative for European Lung Screening; KSMO, Korean Society of Medical Oncology; LC, Lung cancer regardless of histological type; LCPSC, Lung Cancer Prevention and Screening Committee; NCCN, National Comprehensive Cancer Network; NHC, National Health Commission of the People's Republic of China; NICE, National institute for health and care excellence; NSCLC, non-small-cell lung cancer; OH(CCO), Ontario Health (Cancer Care Ontario); SCLC, small-cell lung cancer; SEOM, Spanish Society of Medical Oncology; SEAP, Spanish Society of Pathology.