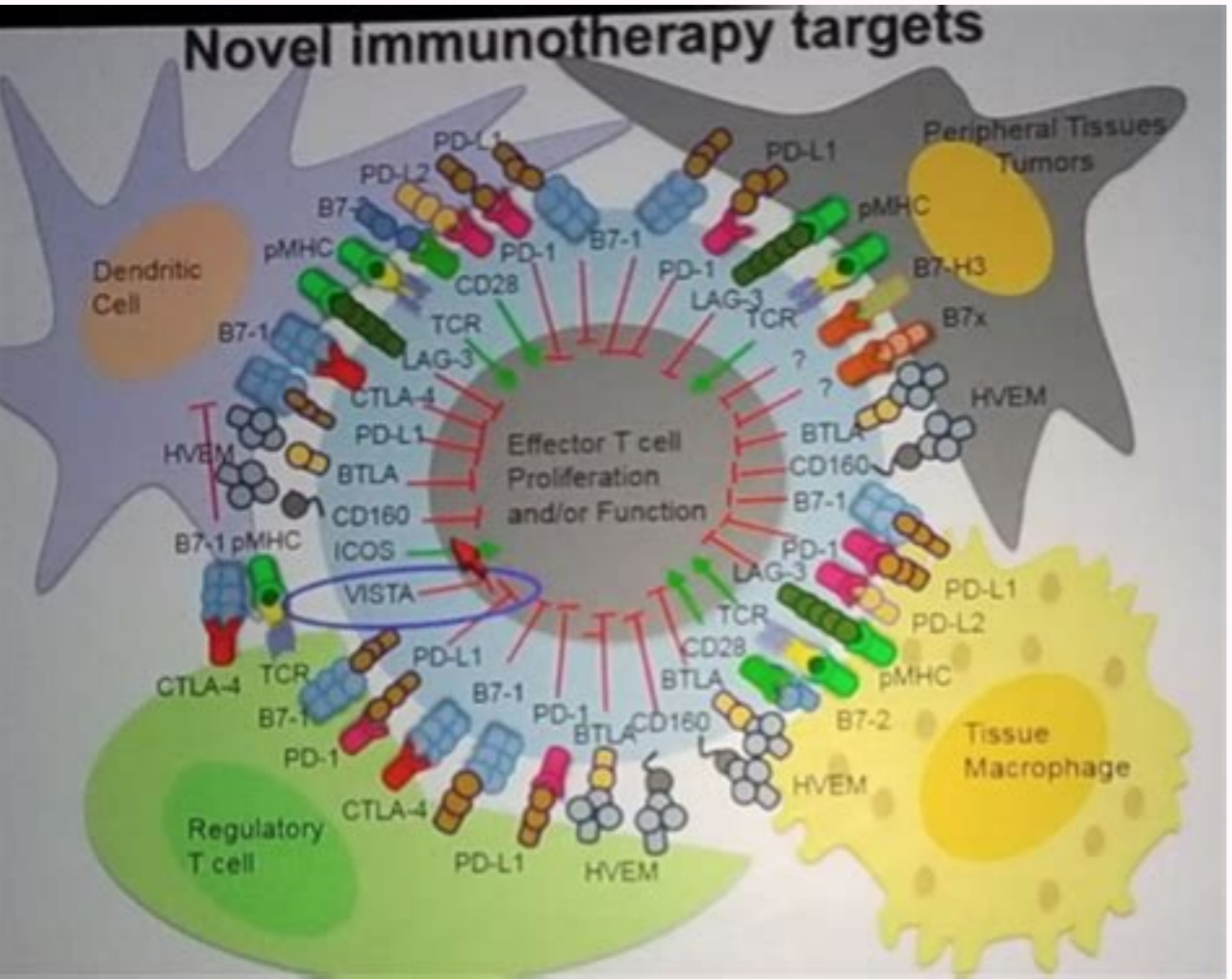


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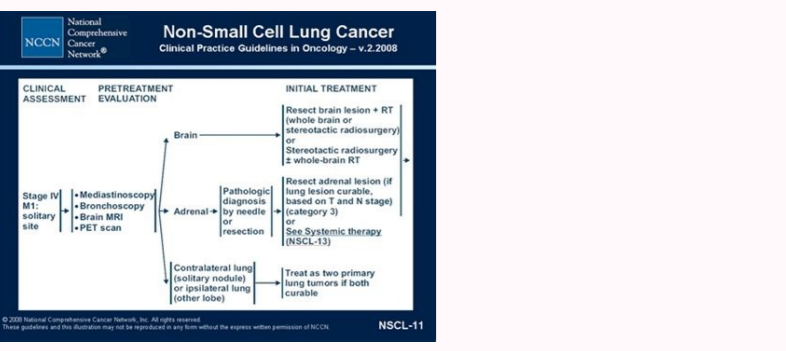


ALK Testing Guidelines IHC

2013 ¹⁰	2018 ¹¹
<ul style="list-style-type: none"> Not recommended May be considered as screening method to select specimens for FISH testing 	<ul style="list-style-type: none"> Properly validated IHC assays are an equivalent alternative to FISH ALK-1 antibody not recommended 5A4 and 5F3 have acceptable sensitivities of 93% to 98% and specificities of 97% to 100% Difficult-to-interpret cases should be validated with FISH, rFPCR, or NGS

a. Lindeman NI, et al. J Thorac Oncol 2013;8:823-856; b. Lindeman NI, et al. J Thorac Oncol 2018. [Epub ahead of print]

Case	Stain	Result	Notes
1	ALK (5A4)	+	Strong nuclear staining
2	ALK (5F3)	+	Strong nuclear staining
3	ALK (5A4)	-	No nuclear staining
4	ALK (5F3)	-	No nuclear staining



Asco guidelines nslc. Asco slc guidelines. Asco guidelines nslc 2019.

Published in 2018 - Ann Oncol (2019) 30: 171-210. Authors: Y.-L. Wu, D. Planchard, S. Lu, H. Sun, N. Yamamoto, D.-W. Kim, D.S.W. Tan, J.C.-H. Yang, M. Azrif, T. Mitsudomi, K. Park, R.A. Soo, J.W.C. Chang, A. Alip, S. Peters & J.-Y. Douillard. The most recent version of the European Society for Medical Oncology (ESMO) Clinical Practice Guidelines for the diagnosis, treatment and follow-up of metastatic non-small cell lung cancer (NSCLC) was published in 2016. At the ESMO Asia Meeting in November 2017 it was decided by both ESMO and the Chinese Society of Clinical Oncology (CSCO) to convene a special guidelines meeting immediately after the Chinese Thoracic Oncology Group Annual Meeting 2018, in Guangzhou, China. The aim was to adapt the ESMO 2016 guidelines to take into account the ethnic differences associated with the treatment of metastatic NSCLC in Asian patients. These guidelines represent the consensus opinions reached by experts in the treatment of patients with metastatic NSCLC representing the oncological societies of China (CSCO), Japan (JSMO), Korea (KSMO), Malaysia (MOS), Singapore (SSO) and Taiwan (TOS). The voting was based on scientific evidence, and was independent of both the current treatment practices and the drug availability and reimbursement situations in the six participating Asian countries. During the review process, the updated ESMO 2018 Clinical Practice Guidelines for metastatic NSCLC were released and were also considered, during the final stages of the development of the Pan-Asian adapted Clinical Practice Guidelines. 1. Graham R, Mancher M, Wolfman DM, et al, editors. Clinical Practice Guidelines We Can Trust. Washington: The National Academies Press, 2011. [Google Scholar]2. Escudier B, Porta C, Schmidinger M, et al. Renal Cell Carcinoma: ESMO Clinical Practice Guidelines. 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Eur J Cancer 2017;83:324-8. 10.1016/j.ejca.2017.04.029 [PubMed] [CrossRef] [Google Scholar]Page 2Recommendations about the use of immune checkpoint inhibitors in patients with lung cancer, according to the latest version of four different lung cancer clinical practice guidelines (as of January 2018)DrugDiseaseLine of treatmentASCO guidelinesESMO guidelinesNCCN guidelinesAIOM guidelinesAtezolizumabAdvanced NSCLCPlatinum-pretreatedPositive strong recommendation with high quality of evidenceNot includedCategory 1Not includedDurvalumabLocally advanced NSCLCAfter chemo-radiotherapyNot includedNot includedCategory 2ANot includedNivolumabAdvanced squamous NSCLCPlatinum-pretreatedPositive strong recommendation with high quality of evidenceGrade A, level of evidence 1; MCBS: 5 pointsCategory 1Positive strong recommendation, low quality of evidenceNivolumabAdvanced nonsquamous NSCLCPlatinum-pretreatedPositive strong recommendation with high quality of evidenceGrade B, level of evidence 1; MCBS: 5 pointsCategory 1Positive strong recommendation, low quality of evidenceNivolumab +/- IpilimumabAdvanced SCLCSecond-line treatmentNot includedNot includedCategory 2ANot includedPembrolizumabPD-L1 positive (≥50%) advanced NSCLCFirst-line treatmentPositive strong recommendation with high quality of evidenceNot includedCategory 1Positive strong recommendation, low quality of evidencePembrolizumab plus platinum/pemetrexedAdvanced NSCLCFirst-line treatmentNot includedNot includedCategory 2ANot includedPembrolizumabPD-L1 positive (≥1%) advanced NSCLCPlatinum-pretreatedPositive strong recommendation with high quality of evidenceGrade A, level of evidence 1; MCBS: 5 points (PD-L1 ≥50%) and 3 points (PD-L1 <1%)Category 1Positive strong recommendation, low quality of evidence

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