Financial Disclosures

Consultant: Insmed, Hill-Rom

Advisory Board: Insmed, Hill-Rom

Clinical trial: Hill-Rom

2007 NTM guidelines

2 societies

American Thoracic Society

Infectious Disease Society of America

2020 NTM guidelines

4 societies

American Thoracic Society

Infectious Disease Society of America

European Respiratory Society

European Society of Clinical

Diagnostic criteria for NTM pulmonary disease

Treatment of NTM pulmonary disease

Progression of NTM Pulmonary Disease In Those Who Meet ATS/IDSA Diagnostic Criteria



Hwang JA et al. *Eur Respir J.* 2017 Byoung SK et al. *Resp Med.* 2019



Who to Treat?



For patients with MAC or *m.abscessus*, we suggest susceptibility-based treatment for macrolides and amikacin (*conditional recommendation, very low certainty in estimates of effect*).





Treatment of macrolide-susceptible MAC

We recommend a 3-drug regimen that includes a macrolide over a 3-drug regimen without a macrolide (*strong recommendation, very low certainty in estimates of effect*).



Griffith DE et al. *Am J Respir Crit Care Med.* 2006 Jeong BH et al. *Am J Respir Crit Care Med.* 2015 Moon SM et al. *Eur Respir J.* 2016 Wallace R et al. *Chest.* 2014 Koh WJ et al. *Eur Respir J.* 2017 Morimoto K et al. *Ann Am Thorac Soc.* 2016



Inhaled liposomal amikacin

In patients with newly diagnosed MAC pulmonary disease, we suggest neither inhaled amikacin (parental) nor amikacin liposome inhalation <u>wining ha</u>t for an a<u>ble of an and the second of the second of an and the second of a sec</u>









Major points

THANK YOU!

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