

**[PA2541] Nocardia infections after lung transplantation: A case series**

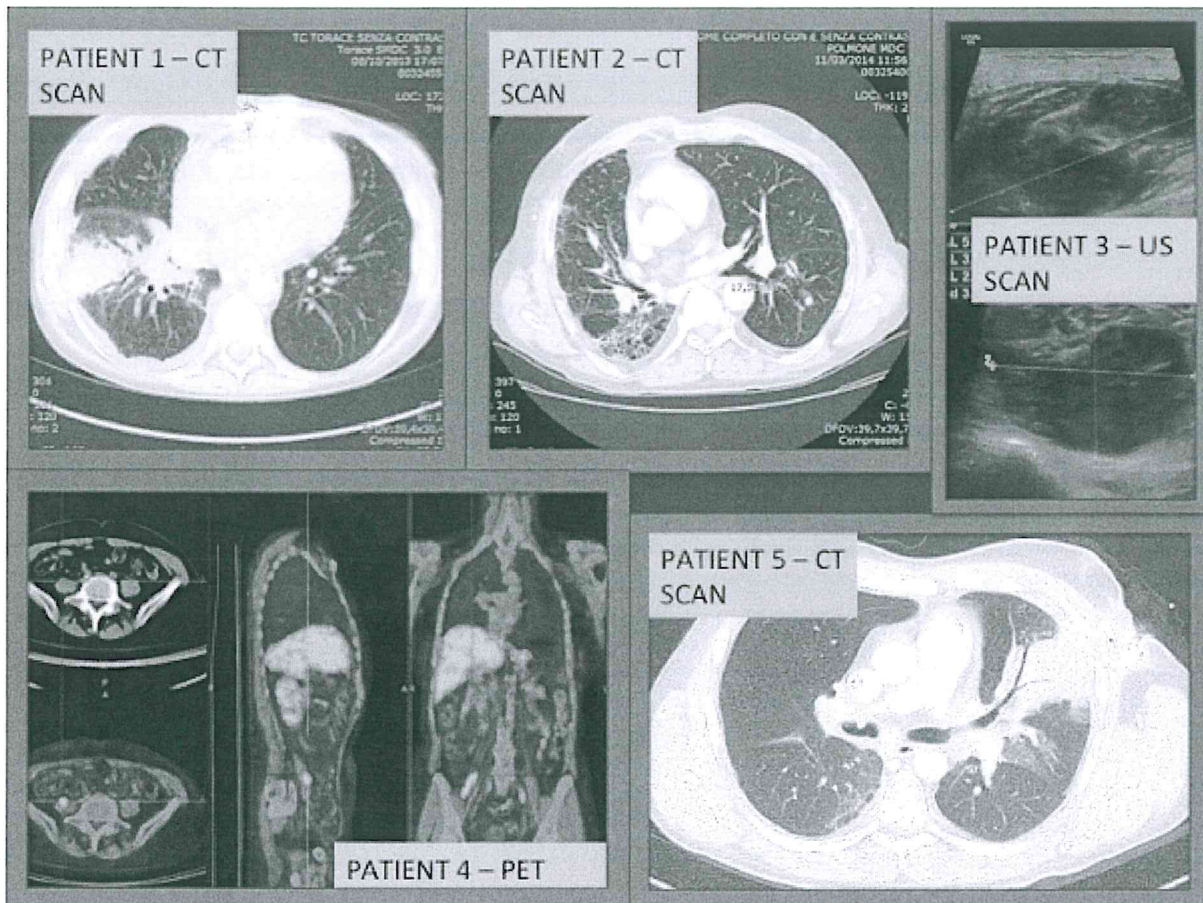
*Letizia Corinna Morlacchi,<sup>1</sup> Valeria Rossetti,<sup>1</sup> Maria Pappalettera,<sup>1</sup> Alice D'Adda,<sup>1</sup> Federica Briganti,<sup>2</sup> Mario Nosotti,<sup>3</sup> Francesco Blasi,<sup>1</sup> Paolo Tarsia.<sup>1</sup>* <sup>1</sup>*Department of Pathophysiology and Transplantation, IRCCS Fondazione Ca' Granda Ospedale Maggiore Policlinico di Milano; Università degli Studi di Milano, Milan, Italy* <sup>2</sup>*Department of Internal Medicine, Fondazione IRCCS Policlinico San Matteo; Università di Pavia, Pavia, Italy* <sup>3</sup>*U.O. Chirurgia Toracica e dei Trapianti di Polmone, IRCCS Fondazione Ca' Granda Ospedale Maggiore Policlinico di Milano; Università degli Studi di Milano, Milan, Italy*

**Introduction:** Description of Nocardia infection in lung transplantation (LTx) is limited.

**Case Report:** This study was a retrospective case-series of LTx recipients who were infected with Nocardia species. Nocardia infection was diagnosed in 5 patients out of 87 that underwent LTx from January 2009 to September 2014 at our institution. Their histories are depicted in table 1 and figure 1.

Table 1

Patient; Sex, Age at LTx (years)	LTx type; indication	Infection onset (months from LTx)	Site of infection	Nocardia species	Targeted therapy	At present
1; F, 36	Bilateral, Cystic Fibrosis	13	Lung	N. spp	Co-trimoxazole	Alive; 25 months follow up from LTx
2; M, 64	Single, NSIP	7	Lung; vertebrae	N. nova	Co-trimoxazole	Alive; 17 months follow up from LTx
3; M, 66	Single, CPFE (Combined pulmonary fibrosis and emphysema)	8	Muscular abscess, inferior limb	N. spp	Doxycycline	Dead at 17 months from LTx because of other reason (septic shock)
4; F, 53	Single, NSIP	8	Psoas abscess	N. farcinica	Doxycycline	Alive; 25 months follow up from LTx
5; M, 36	Bilateral, Cystic Fibrosis	4	Surgical wound, extended to lung parenchyma	N. transvalensis	Imipenem IV (ongoing); Co-trimoxazole	Alive, 6 months from LTx



**Conclusion:** Although this organism is capable of producing serious and metastatic disease in this kind of host, early diagnosis and initiation of targeted treatment may allow successful outcomes.

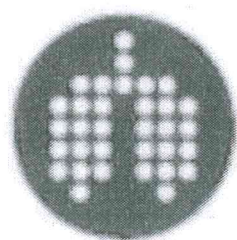
**Session:** Thematic Poster: Long-term outcomes of lung transplantation

**Date/Time:** Monday, September 5, 2016 - 12:50 pm

**Room:** T-22

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