

Supplementary Table S1. Narrative summary of the main findings of 4 unpublished trials

Trial	Data sources	Main findings
AIR-BX1& AIR-BX2 trials 2013	- ClinicalTrials.gov trials registry - 2013 ERS annual congress abstracts	AIR-BX2 but not AIR-BX1 trial showed that patients treated with aztreonam had a statistically significant improvement in QOLB at day 28 ( $p = 0.011$ ) compared to the placebo group, although the magnitude of change was less than the predefined minimal important difference. Both trials failed to show statistically significant difference between treatment groups in QOLB at day 84 and time to first PDE. Aztreonam decreased bacterial burden in both trials. Adverse events (AEs) and serious AEs were more frequent in aztreonam versus placebo arms in both studies. The rates of withdrawal due to AEs in aztreonam versus placebo groups in AIR-BX1 and AIR-BX2 trials were 22.4% vs 6.1% and 9.6% vs 5.1%, respectively
ORBIT-1 trial 2011	- ClinicalTrials.gov trials registry - Aradigm corporation reports	Both ciprofloxacin 100 mg and 200 mg groups had a greater reduction in sputum P.A density ( $\log_{10}$ CFU/g) compared to the placebo group (-3.84, -2.94 and 0.437, respectively, $p < 0.001$ ). There were no statistically significant differences between the active and placebo groups in the number of patients experiencing at least one treatment-emergent adverse event
Tabernerero 2014	- 2012 ERS annual congress abstracts	P.A was eradicated in 45% of patients treated with colistin and in only one of the control group ( $P < 0.05$ ) at the end of one-year treatment, but there were no differences in the number of hospital admission (2,7+/-3 and 1,6+/-1,7) or days of stay (23+/-20 and 19+/-31). No differences in lung function or clinical symptoms were detected between treatment groups No significant changes were observed in P.A antibiotic sensitivity or in sputum flora. Five patients (25%) stopped the nebulized treatment because adverse effects

PED: protocol-defined exacerbation; QOLB: Quality of Life-Bronchiectasis