



What have we learnt from recent **RCTs in Pleural Disease?**

NY State Thoracic Society

Annual Scientific Assembly

23rd March 2018

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Financial disclosures



- Drugs and matched placebos for clinical trials:
 Roche / Genentech / Boehringer / Lunamed / Syner-Med
- Technical equipment for trials:
 Rocket Medical UK/ GE Medical
- Trials unit funding:
 - Roche / Syner-Med / GSK
- · Clinical advice consultancy:
- · Rocket Medical
- - · Lipoteichoic acid for pleurodesis
- Research funding:
 NIHR / HTA trials / MRC / UKCRN / CRUK / BLF / UKNRCI / NIHR BRC







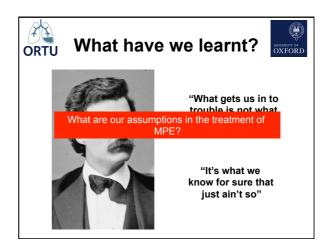
Overview



Trials in Malignant Effusion Mx

Trials in Pleural Infection Mx

Outcomes and assumptions





Assumptions



- 1. CXR is the best outcome in MPE
- 2. Pleurodesis success rate is ~90%



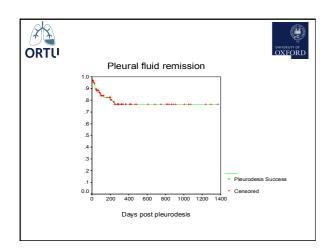




ies, such as trastuzumab. 13 Overall, in 18 of 71 (26%) patients we obtained an alteration of therapy by using systematically intraoperative pleural biopsies.

One month after surgery, 71 (100%) patients showed an effective pleurodesis with a total or subtotal disappearance of the pleural effusion. Eight (11%) patients had a recurrence 6 months after surgery; of these, one patient relapsed at 1 year. After a mean follow-up of 22 months (range, 2–81 mos), the overall success rate was 89% (Fig. 3). The overall survival time was 17 months (range, 2–80 mos) (Fig. 1).

Of all prognostic factors evaluated, the only factor





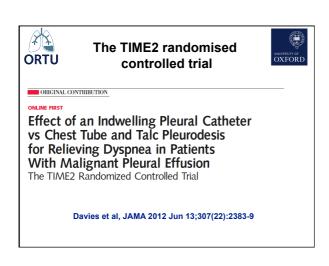
The TIME trials



<u>Therapeutic Interventions in Malignant Pleural</u> <u>Effusion</u>

Purpose

- Answer clinically meaningful question in MPE management
- Randomised controlled trials with real life comparators





TIME2 - rationale



What's wrong with talc?

- 30-40% failure rate
- Median hospital stay 5 days
- 15% with trapped lung
- · Side effects systemic and local

