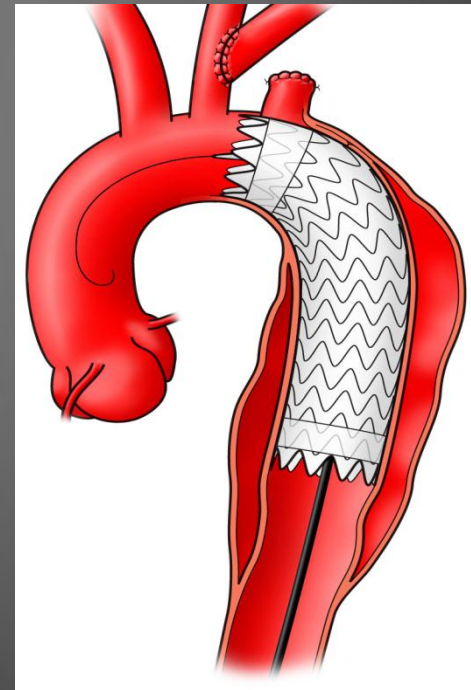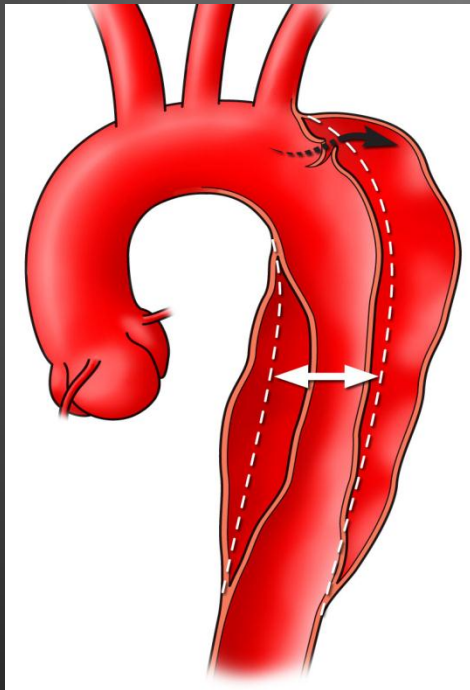# ADSORB 1 year Data

Eric Verhoeven for the ADSORB Trial participants
On behalf of Jan Brunkwall

Acute Dissection: Stent Graft OR Best Medical Therapy
Prospective Randomised trial

Study Objective
Acute uncomplicated type B aortic dissection

Safety and efficacy of stent grafting with the

GORE® TAG® Device and BMT

compared to

BMT alone

ADSORB Study Sites

Primary 1 year Efficacy Endpoint is freedom from:

Incomplete or no false lumen thrombosis

Aortic dilatation

Aortic rupture (descending thoracic aorta or abdominal aorta)

Demographics

	TAG+BMT	BMT
N	30	31
Male (%)	**70.0**	**87.1**
Age (years) Mean (Std Dev)	**60.1** (10.5)	**60.7** (13.4)
Body Mass Index (BMI) Mean (Std Dev)	**27.8** (5.3)	**27.7** (4.1)

Symptom Onset to Randomization

	TAG+BMT	BMT
N	30	31
(Days) Median	4.57	4.77
Range	(0.29, 13.25)	(0.26, 14.27)

Randomization to TAG Placement

	TAG+BMT
N	30
(Days) Median	0.88
Range	(0.06, 4.75)

BMT to TAG Crossovers <4days

Case 1.

    Aortic Dilatation

Case 2.

    Mesenteric Ischemia

Case 3.

    Difficult blood pressure control $\rightarrow$ retrograde dissection

TAG to BMT Crossovers

Case 1:

    Patient withdrew consent prior to procedure

Case 2:

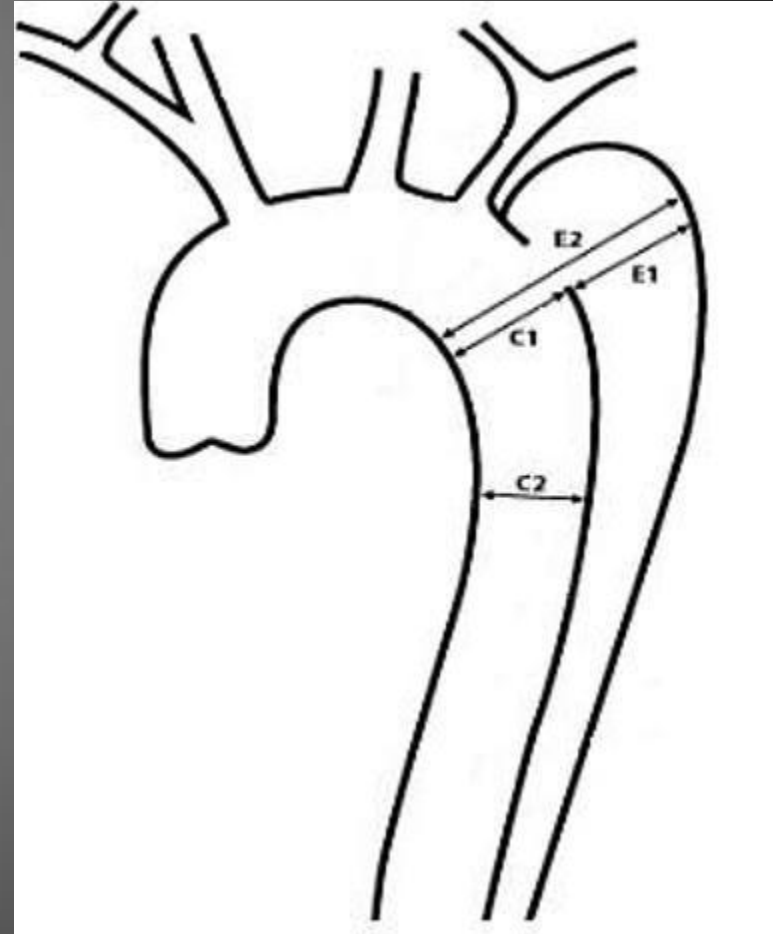   Secondary imaging performed indicated insufficient proximal landing zone

Core Lab Measurements Definitions
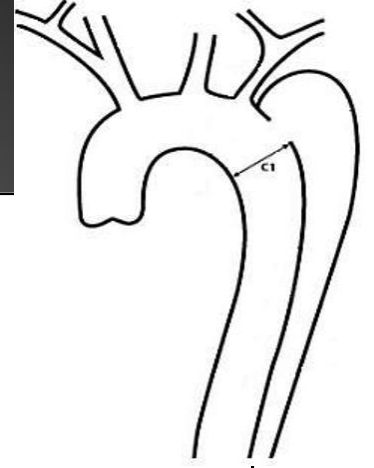
C1 = Maximum diameter of True Lumen

C2 = Minimum diameter of True Lumen

E1 = Maximum diameter of False Lumen

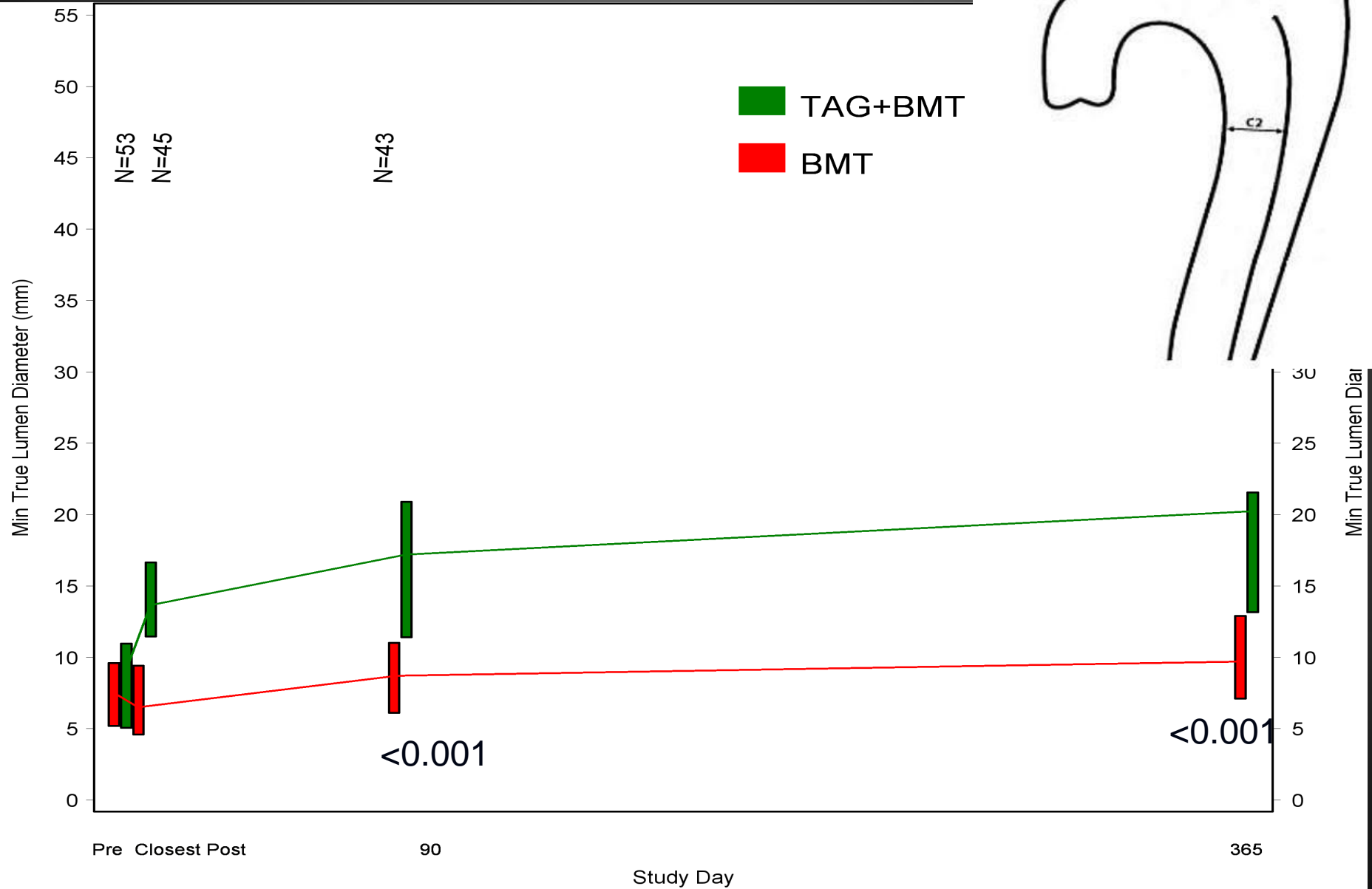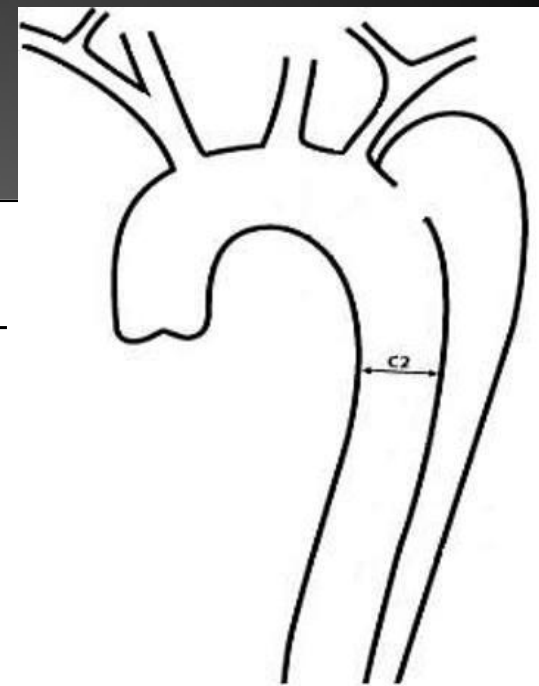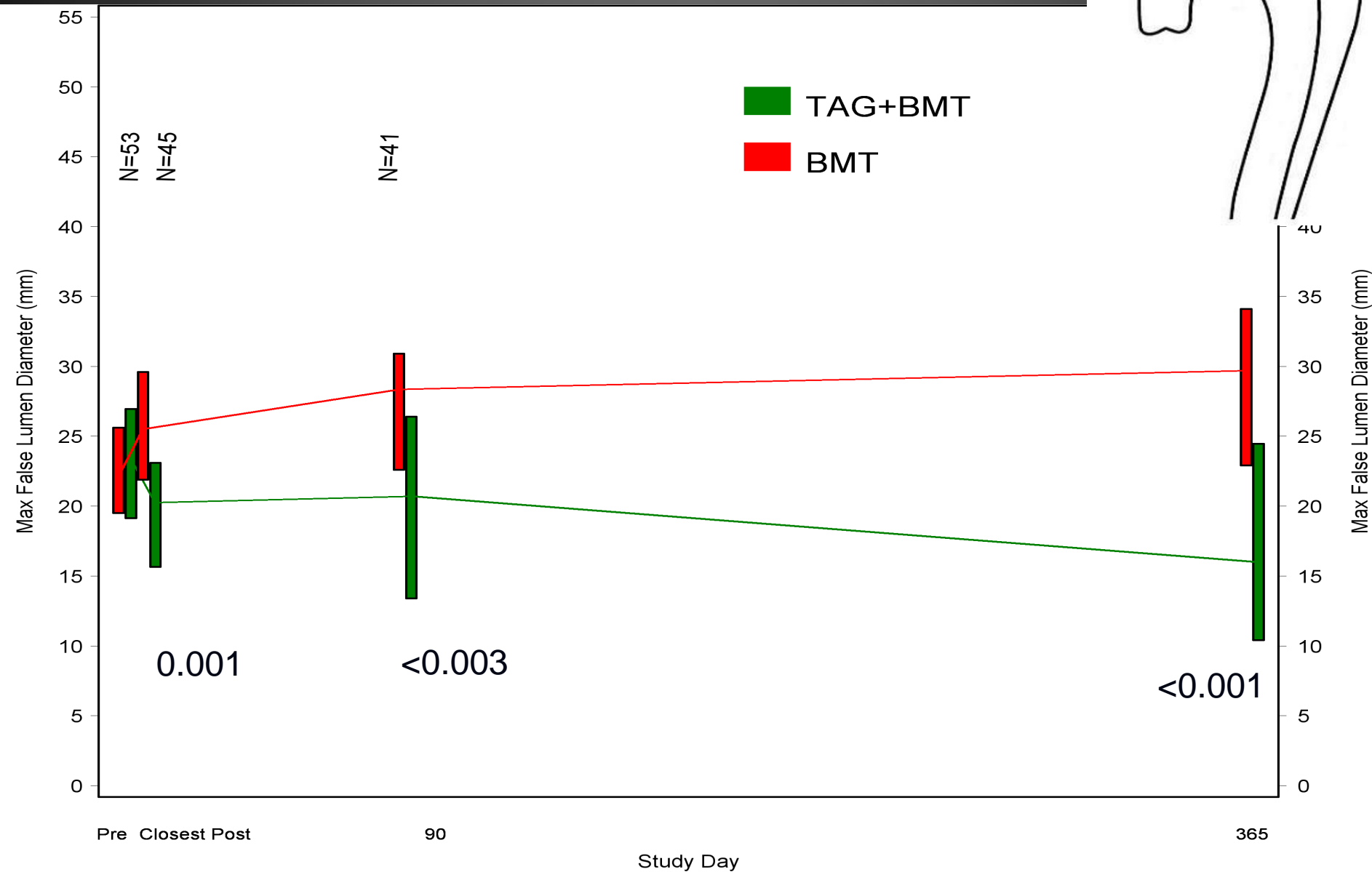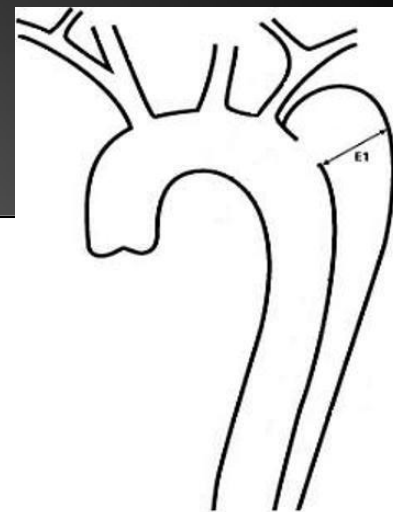E2 = Overall transverse aortic diameter
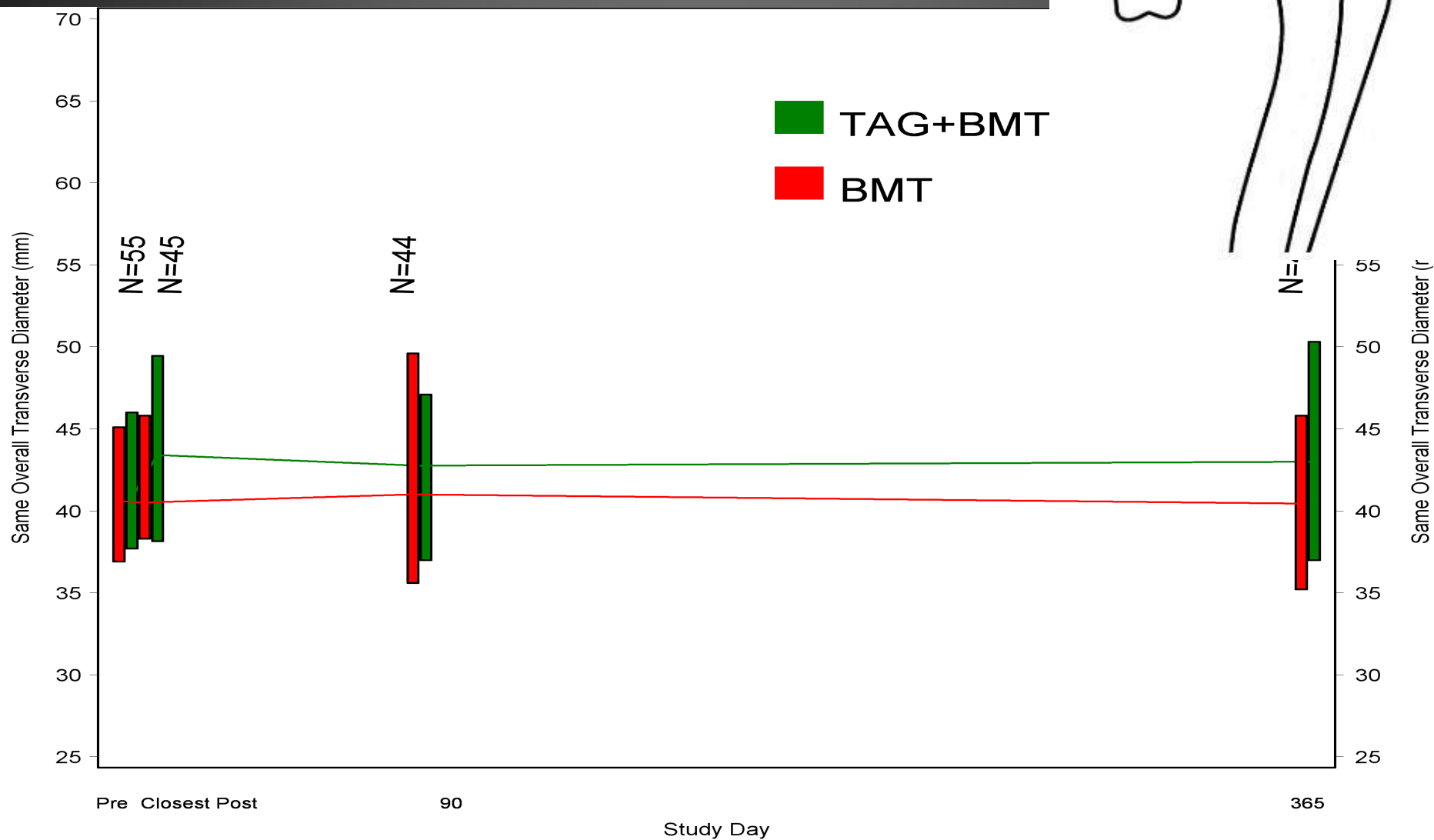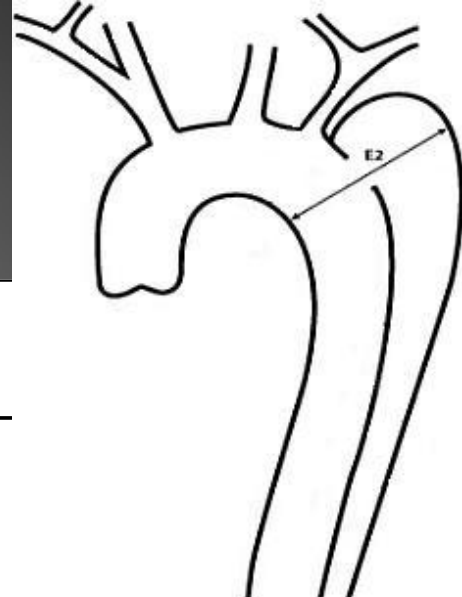
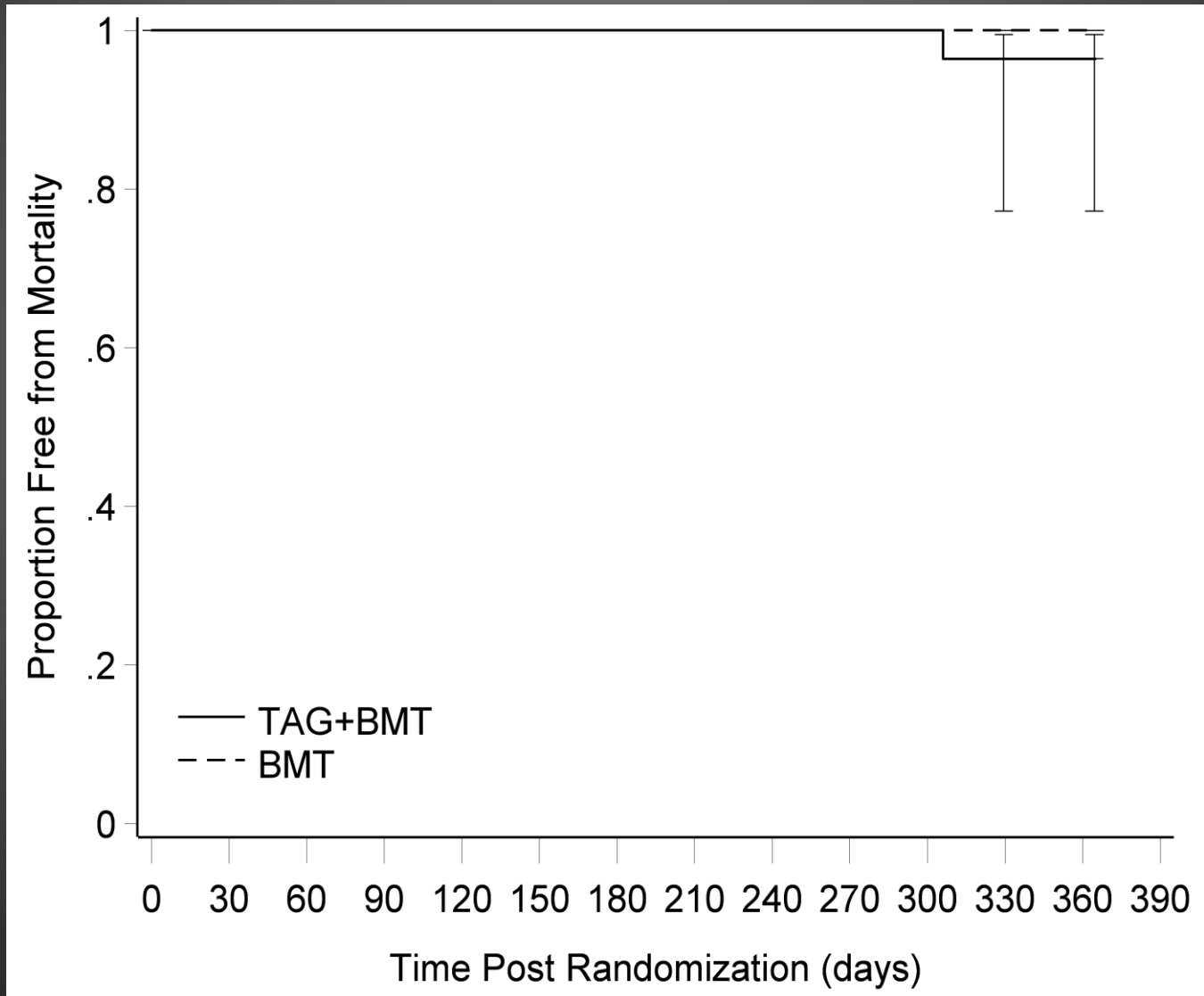# Maximum True Lumen
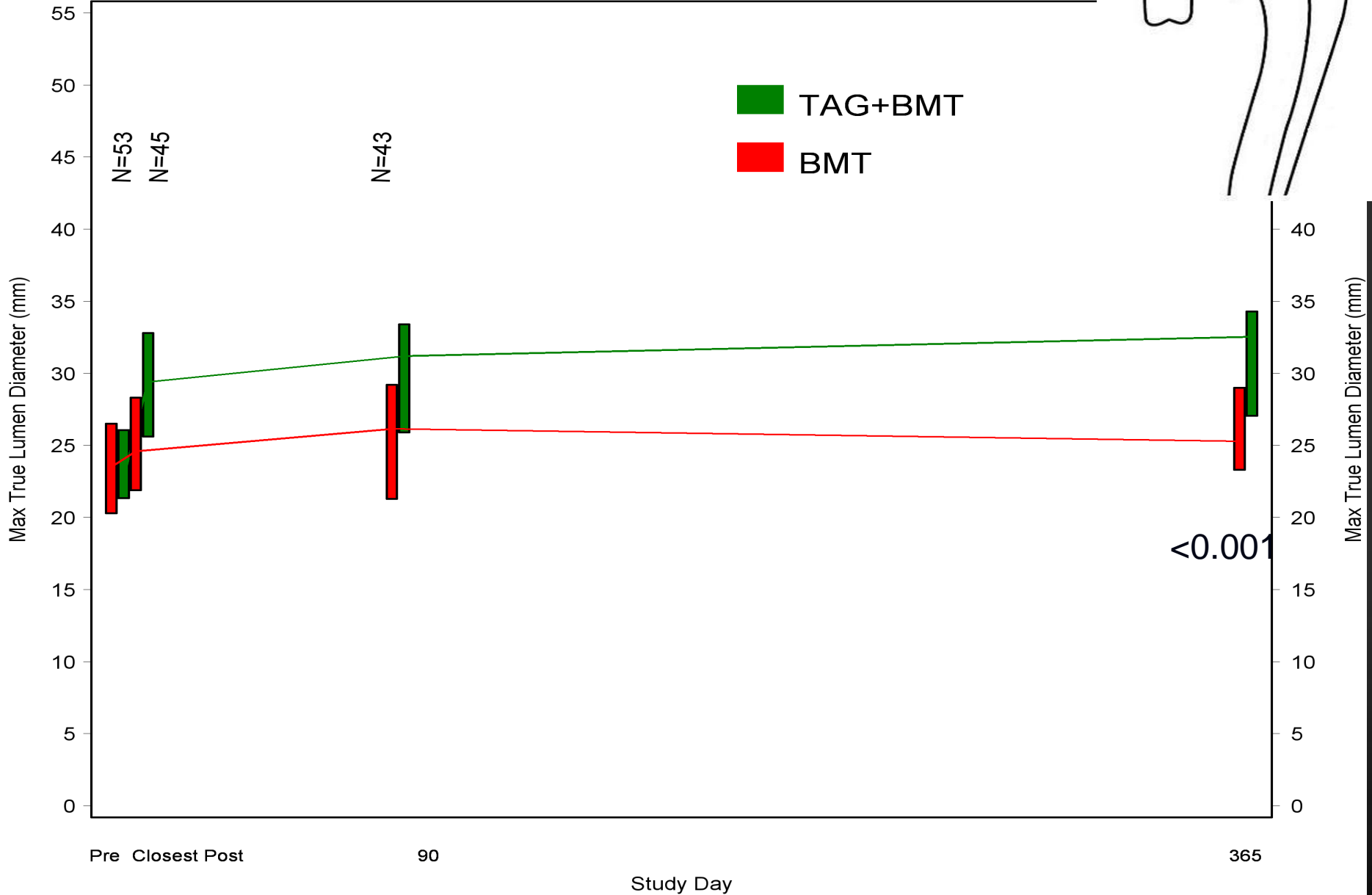
Minimum True Lumen

Maximum False Lumen

Overall Diameter

1 year Mortality

Summary

Successful enrolment of subjects within the acute (< 14 days) classification for type B aortic dissection

10% uncomplicated became complicated within a few days of randomization

No 30-day mortality reported in either treatment group

Summary

Aortic remodelling at 1 year (p<0.001) favoured TAG+BMT arm

Acute Type B case….

Feb 10

Feb 17

April 4

KM i.v.