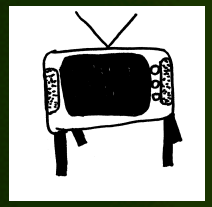
BBC ONE

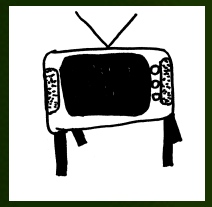
- The British Bifurcation Coronary study: Old, New and Evolving strategies

- a randomized comparison of simple versus complex drug-eluting stenting for bifurcation lesions



BBC ONE

- 500 patients to be randomised
  - Acute and stable



BBC ONE

- Simple – stepwise provisional T-stenting
- Complex – crush or culotte

(according to operator preference)

Technique (simple)

- Following main vessel stenting, the side branch should not be treated further unless there is:
  - <TIMI 3 flow in the side branch
  - Severe ostial pinching (>90%) of the side branch
  - Threatened side vessel closure
  - Side-branch dissection >type A
- if any of these applies, kissing inflation may be done

Technique (simple)

- Following kissing balloon inflation, the side branch should not be treated further unless there is:
  - <TIMI 3 flow in the side branch
  - Persistent ostial pinching (>70%) of the side branch
  - Threatened side vessel closure
  - Side-branch dissection >type A
- if any of these applies, T-stent (with mandatory kissing) may be done

Technique (complex)

- Only culotte and (external) crush are allowed
- No T-stenting
- Total coverage
- Mandatory kissing

BBC ONE

- Primary endpoints (9 months):

  - Death
  - Target vessel failure
  - Myocardial infarction

BBC ONE

- Secondary endpoints

- Angina status - CCS
- Antianginal Rx – Angina index
- QOL (Seattle)
- Repeat angiography – with/without Rx

BBC ONE

- Procedural endpoints

- Procedural success (TIMI 3 flow and <30% stenosis main vessel and TIMI 3 flow side branch
  - Rewiring vessels as per protocol
  - Kissing balloons as per protocol
- Procedure duration, fluoroscopy, CGy, contrast
- Procedural cost (wires, balloons, stents, GPI)

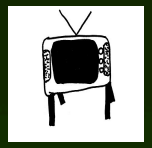
NORDIC

BBC ONE

BBC ONE

- Conceived Autumn 2003
- Started recruiting Brighton Autumn 2004
- Started recruiting UK Summer 2005

Steering committee:
David Hildick-Smith
Rod Stables
Nick Curzen
Keith Oldroyd



BBC ONE

Sept 1st 2007

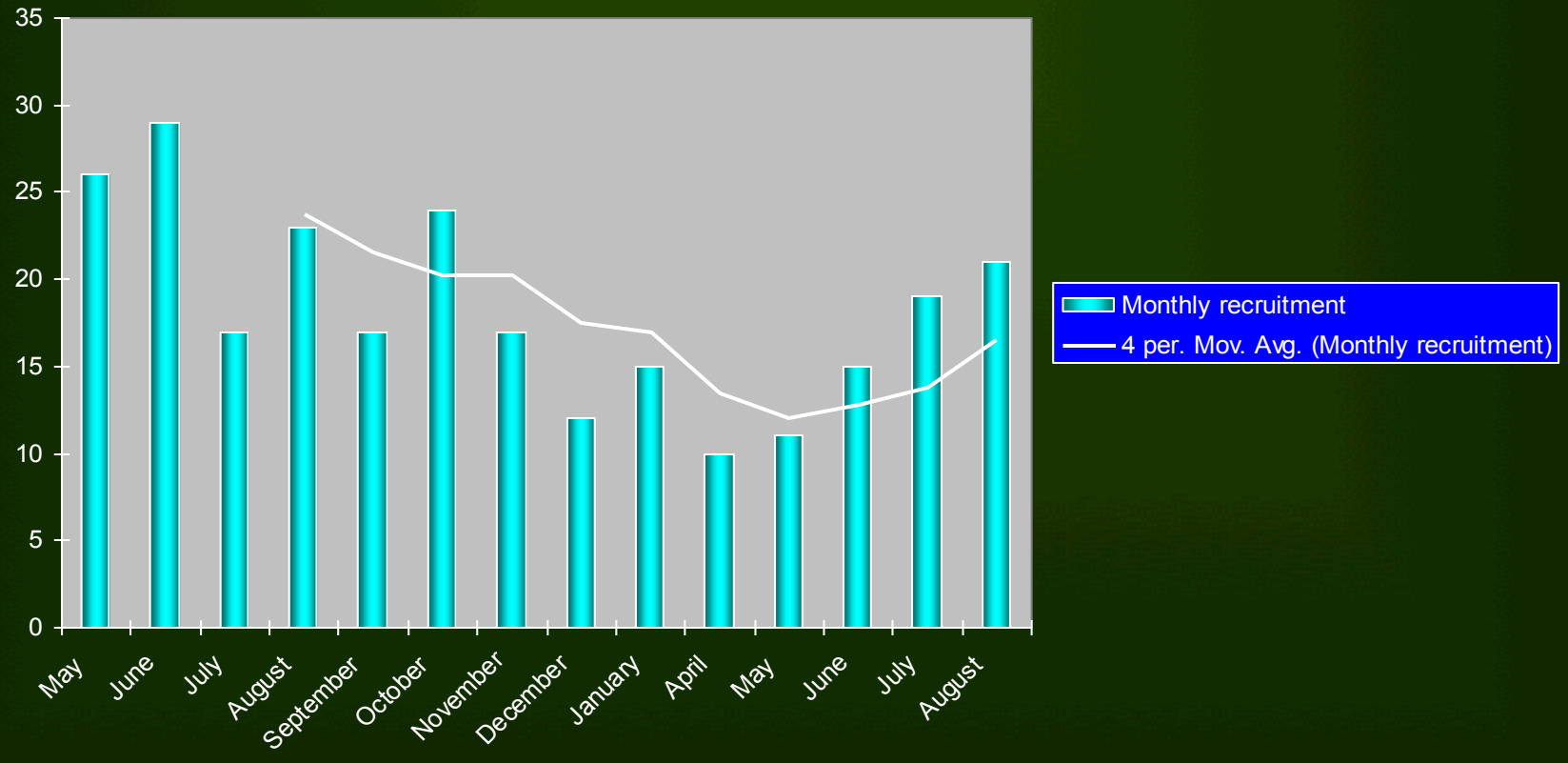
No. Patients recruited

437

CENTRE	INVESTIGATOR	ADMINISTRATOR	RECRUITMENT
Brighton	Hildick-Smith	Cooter	103
Wolverhampton	Cotton	Smallwood	38
Coventry	Glennon	Gill	36
Kings College	Thomas	Gregory	30
Bristol	Baumbach	Singh	29
Liverpool	Stables	Matata	27
Dublin (St. James)	Mulvihill	Walsh	23
Southampton	Curzen	Kitt	23
Glasgow	Oldroyd	Kelly	19
Nottingham	Henderson	Burton	18
London (St. Thomas)	Redwood	Evans	16
St George's	Brecker	Brown	14
Edinburgh	Starkey	Osborne	14
Bournemouth	Talwar	Lakeman	13
Dublin (Beaumont)	Foley	McGrath	8
Manchester	Fath-Ordoubadi	Gray	5
Birmingham	Ludman	Blount	5
Stoke	Butler	Machin	5
Birmingham (West)	Varma	Varma	4
Reading	Orr	Turner	3
Leicester	Gershlick	Fairbrother	2

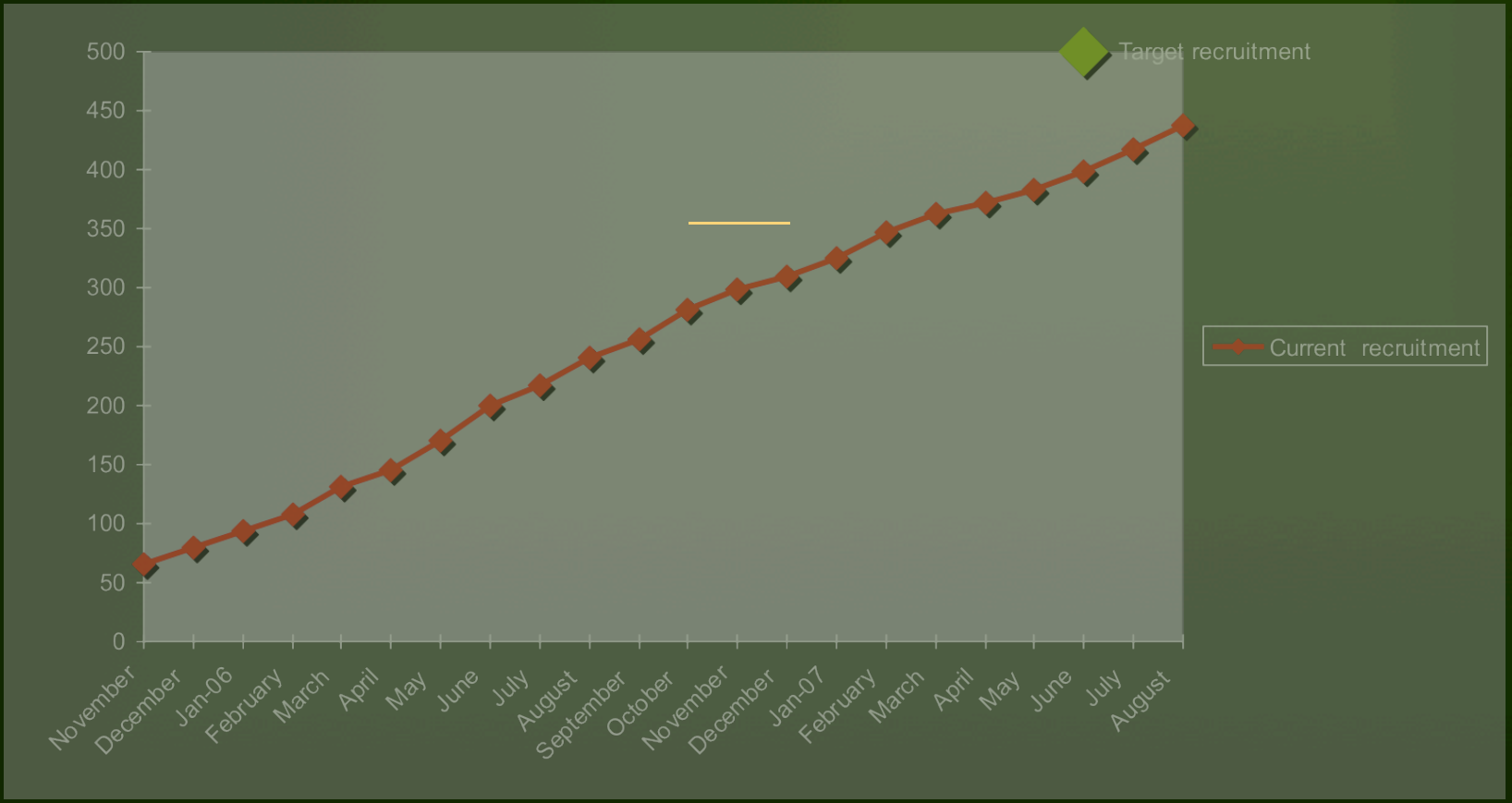
BBC ONE

monthly recruitment to Sept 1st 2007



BBC ONE

current and target recruitment Sept 1st 2007



CONCLUSIONS

- Recruitment will finish end 2007
- 9-month follow-up
- Presentation ?TCT 2008

- Meta-analysis with NORDIC 900 patients