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# **Telestroke**

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**SCTT Cardiac & Stroke Clinical lead**

**NIMAST October 21 2011**





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Scottish Telestroke - where did we start?

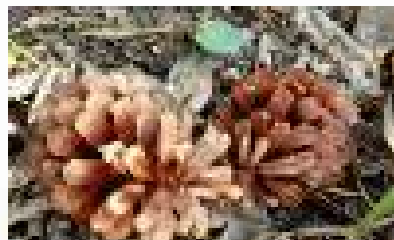
2007 - 4 of the 22 acute sites across Scotland with CT scanning and HDU facilities had a stroke thrombolysis service

SMC  
Alteplase  
2004

European  
telestroke  
2005

Scottish  
interest  
2006

SCT  
2007

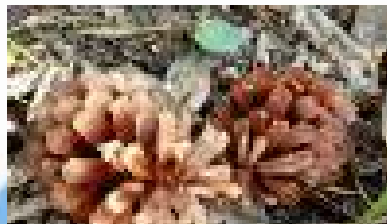




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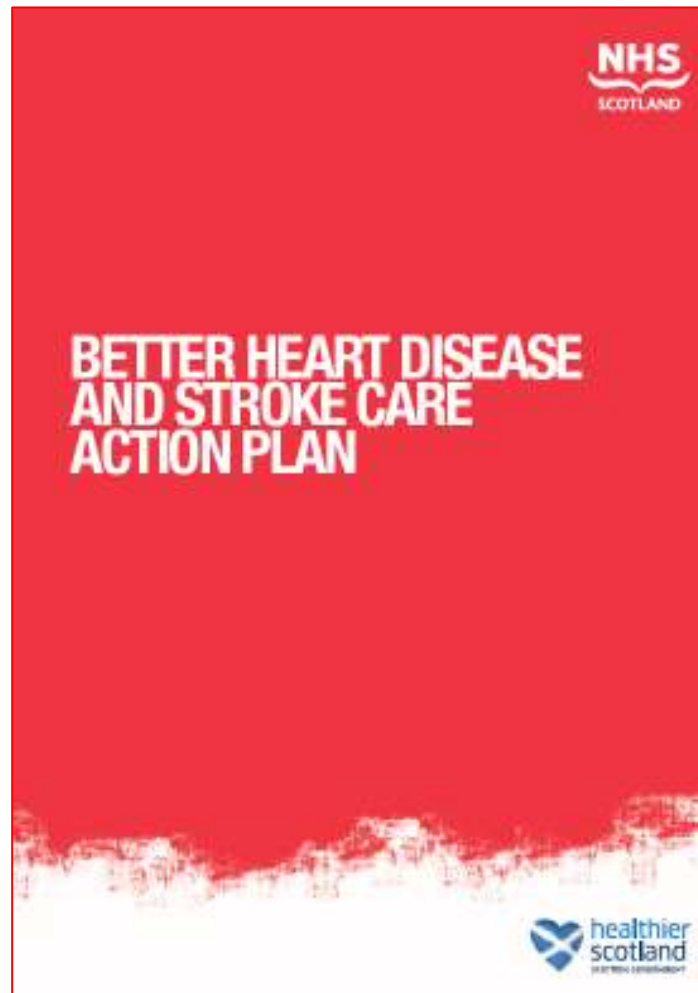
We needed enthusiasts that could drive forward change and influence strategy...





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**24**





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## **Telestroke Options being used in Scotland**

### Hub & Spoke

'Thrombolysis support provided by one on call consultant for themselves and for one or more other Boards'

### Mesh Network

'Multi Health Board rotating medical rota, one specialist on call per session covering all Health Boards within the network'





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## Hub and Spoke

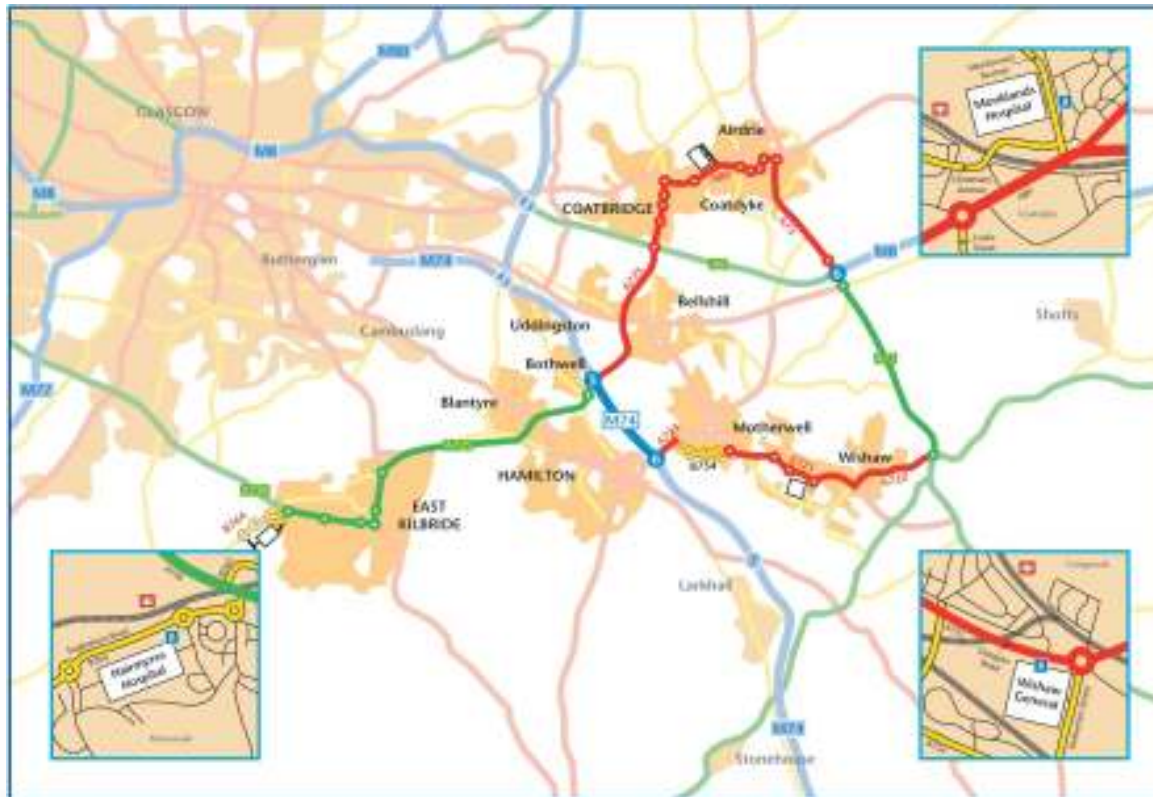




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# Mesh





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## Home Links





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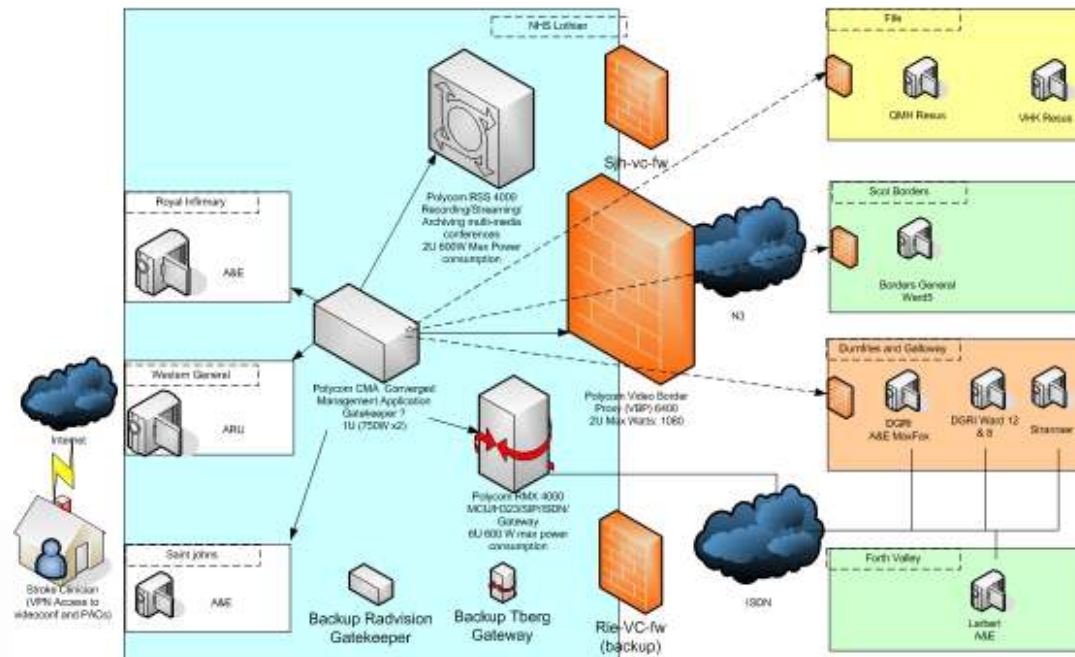
Telestroke IT support....





# South Network

## South Scotland Telestroke Codec Sites





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We needed access to regional and national planning.....

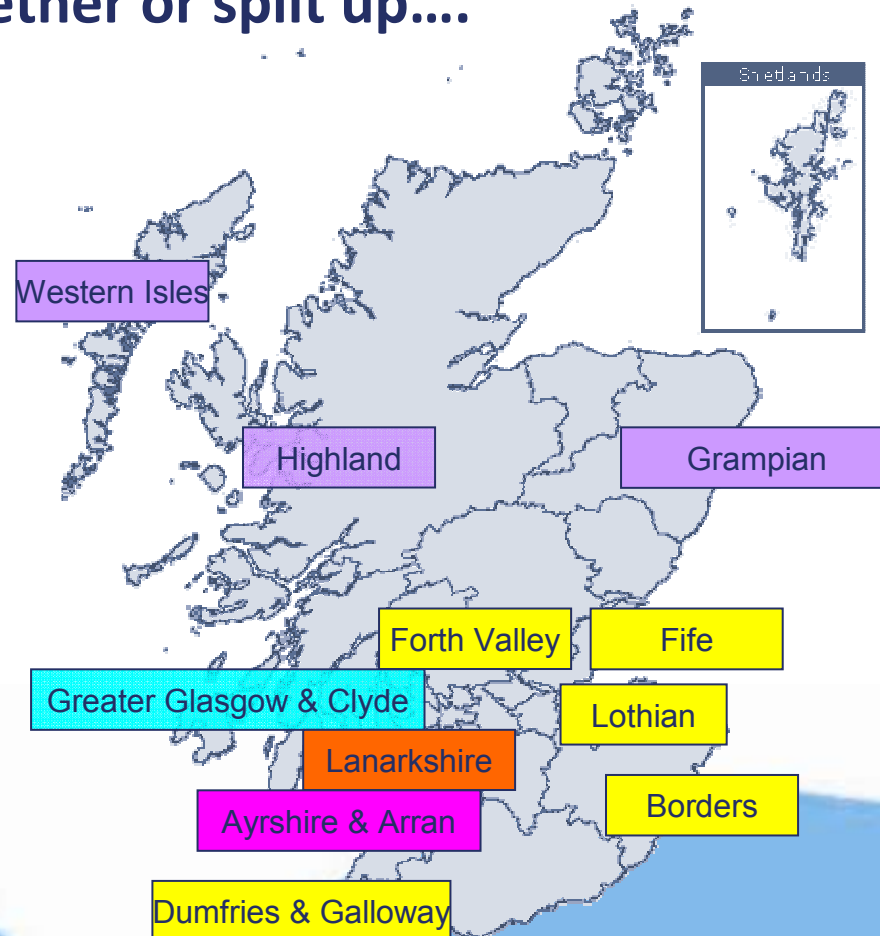




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**Five networks in place but we have the technical ability to join all together or split up....**





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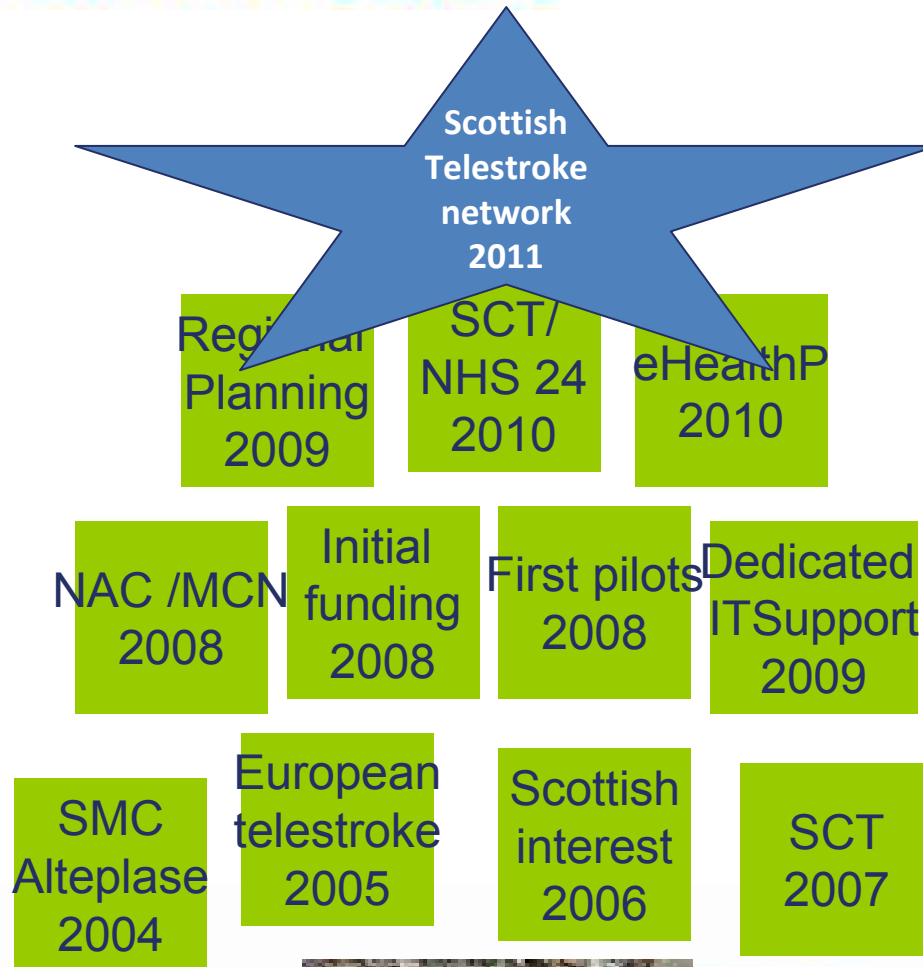
## Patient to Specialist's Office, home or on the move:

- BT N3
- VC software (Emblaze, Polycom PVX, CMAD)
- Tandberg Movi
- Future - Android phone/tablet





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## Acute telestroke

Extract from letter to Lothian hub from Fife patient's daughter  
(March 2011)

“I just wanted to pass on sincerest thanks on behalf of my Mum, my brother and myself for the treatment you were able to provide my Dad on Saturday. The progress Dad has made in the space of a few days is incredible and we know that has a lot to do with the clot busting drug you were able to prescribe....  
Thank you so much”



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**Hospital to Specialist's Office, home or on the move**





## **Sustainability**

### Robust medical rota

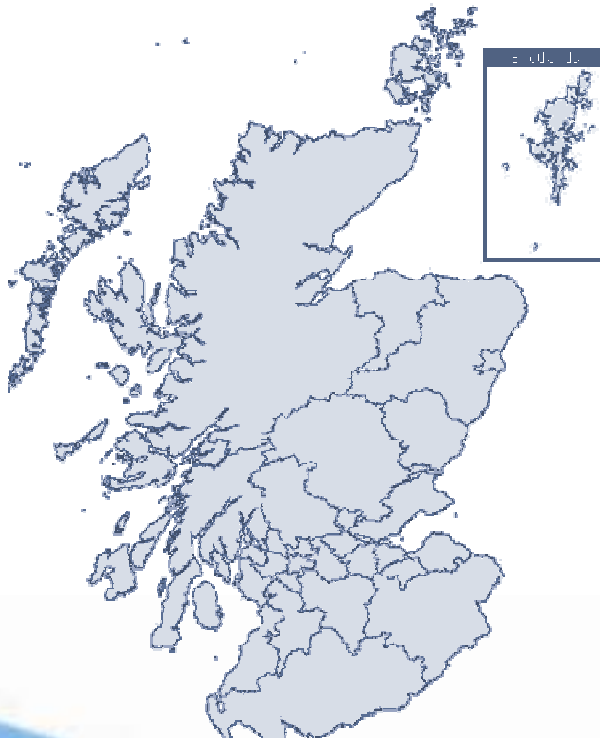
- Management agreement to support PA time
- Document the potential to lose specialists from rota as future risk
- Have plan of mitigation in place - Consider potential additions to rota if manipulation of current commitments (eg MoE, GIM etc)



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## Potential Telestroke Cover





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Now in Scotland 19 acute sites with thrombolysis  
services OOH or 24/7

- Thrombolysis rate continues to rise
- With that new challenges.....





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## **Other Telestroke Work**

- Secondary Care tele rehabilitation
- SALT to home
- SALT rehab to community hospital
- Remote goal setting in community hospital





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[www.sctt.scot.nhs.uk/stroke.html](http://www.sctt.scot.nhs.uk/stroke.html)





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# NIMAST Conference 2011 The Stroke Journey

21<sup>st</sup> October 2011

Lagan Valley Island Centre