

# **Cost Effectiveness: Routine group and save in patients presenting with right iliac fossa pain**

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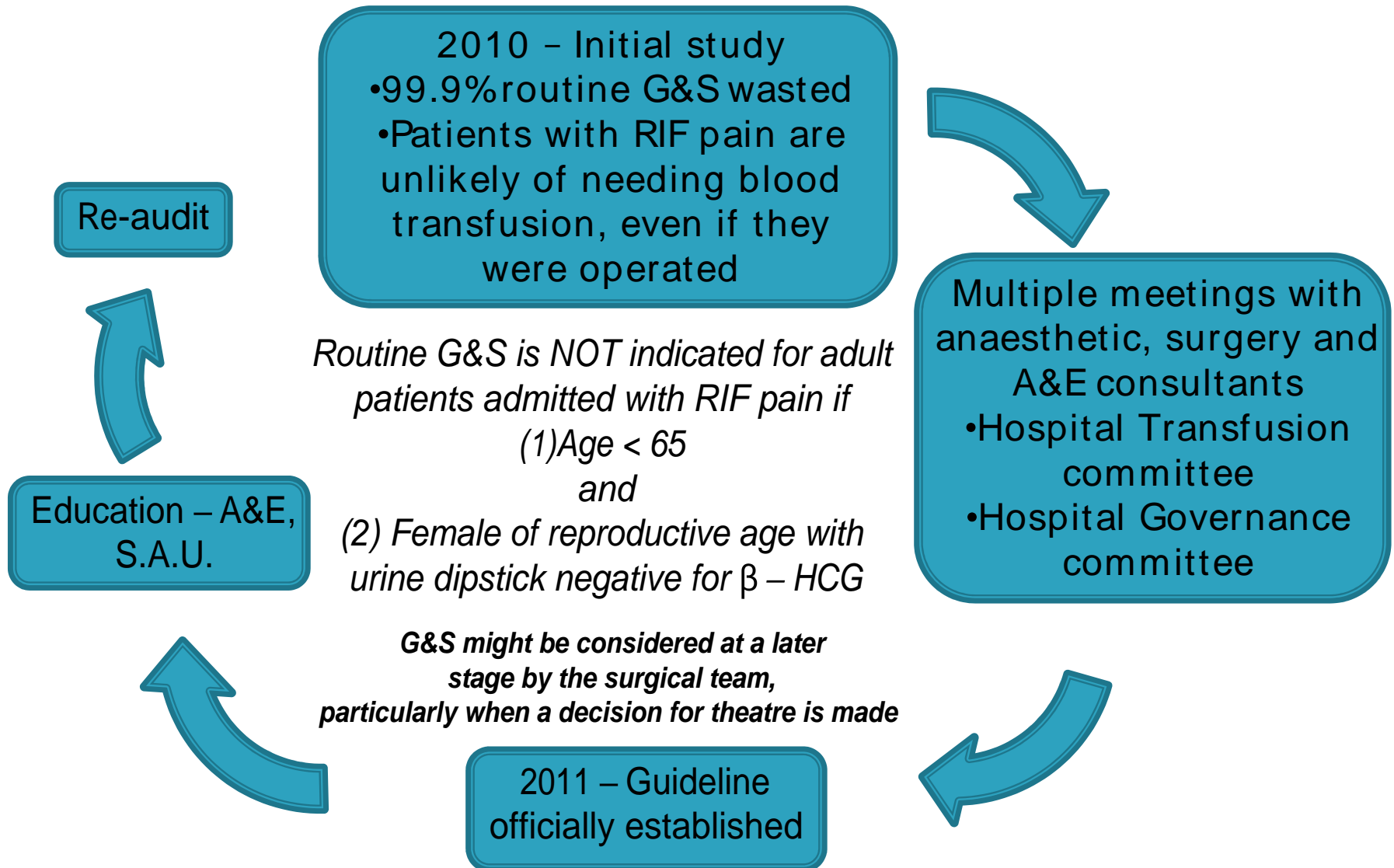
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2012 SOUTH WEST REGIONAL TRANSFUSION COMMITTEE

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# Background



# Objectives

- Reduction in the number of G&S
- All those age > 65 should have G&S
- Any clinical implications
  - Use of urgent Crossmatch, Type- Specific Blood or O negative blood products

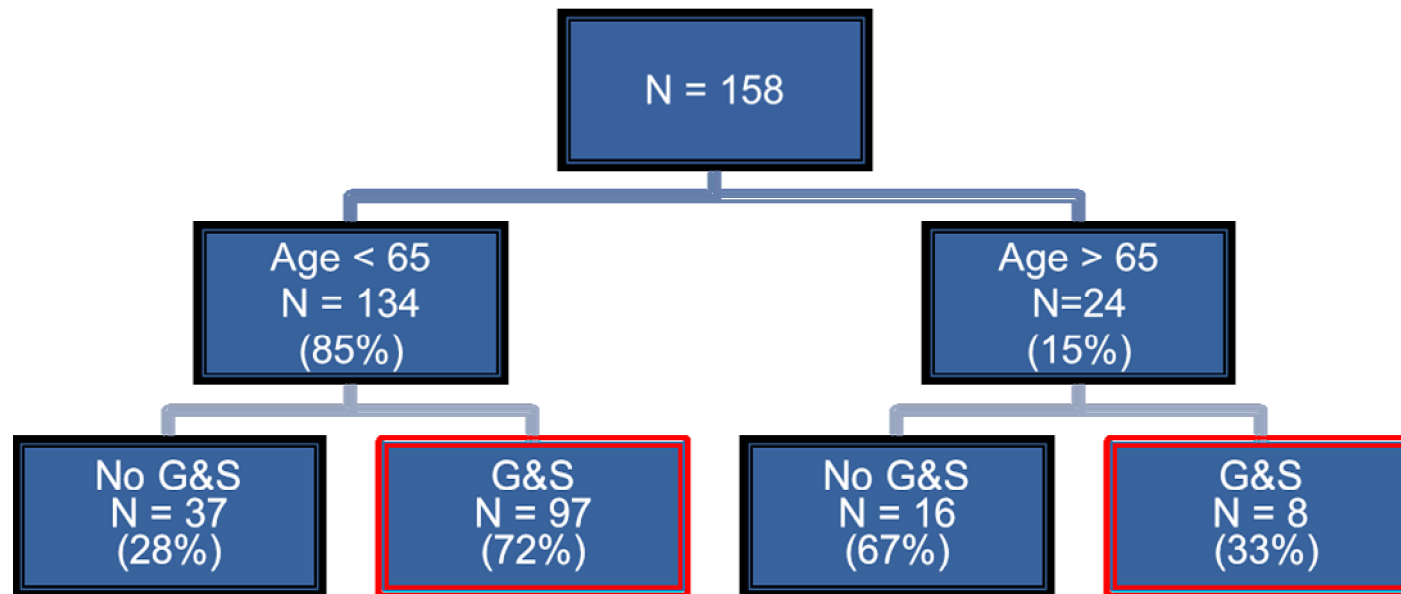
# Methods

- Retrospective data
- 3 months
- Adult patients admitted into S.A.U. for RIF pain or ?appendicitis
- Search through Lab database (LabCentre) for
  - Whether patients had G&S requested on the day of admission
  - Whether G&S were requested at a later date
  - Whether any patients received Crossmatch, Type-Specific or O negative blood and whether their care were compromised for not having a G&S

# Education

- ▶ Guideline available on hospital intranet webpage
- ▶ Poster – A&E, surgical wards, anaesthetic dep
- ▶ Presentations – A&E teaching day, surgical junior doctors teaching day, M&M meetings

# Re-audit Results



- 72% of young patients still have routine G&S
- Only 33% of the elderly patients have G&S
- None needed any form of blood transfusion

# Conclusion

- We are not yet successful in changing the practice
- The weakest link → Education
  - More effort and new strategy is needed
  - ?empowering the laboratory to question reasons for doing a particular G&S request
- This re-audit further confirm that the need for blood transfusion in this cohort is small
- ? Reconsider the cut off level at age 65
- Potential of becoming a regional guideline
  - This will change the practice in the whole region