

# Vascular access for haemodialysis in Scotland



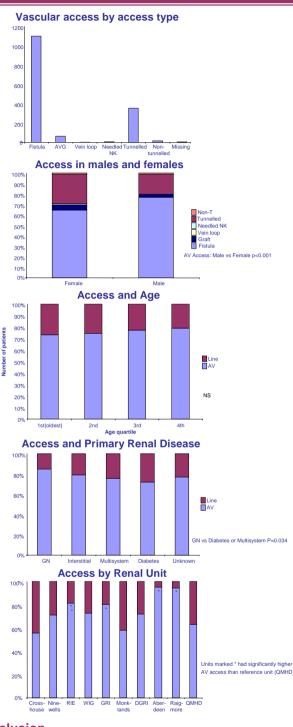
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on behalf of the Scottish Renal Registry

#### Introduction

- It is widely accepted that a native arteriovenous fistula is the best form of vascular access for haemodialysis Central venous lines are associated with a higher risk of bacteraemia and higher mortality 1-3 Standards Quality Improvement Scotland - Standard 4.4: A minimum of 70% of HD patients have an arteriovenous fistula or vein graft as their permanent access - UK Renal Association Survey 4/2005 5 of 10 Scottish adult units reached target National Service Framework Standard 3 Recording and auditing of the type of access and complications rates for each procedure/ type of access **Research Questions**  How may HD patients with ERF have fistulas, grafts, tunnelled lines etc?
- What are the determinants of access type? - gender, age, primary renal disease?
- Are there large differences in access type between units?

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## Conclusion

Access is dependent on: Renal Unit

Sex

**Primary Renal Disease** 

The number of units reaching targets is improving and is now 70% of adult units

## **Future Work**

- Association with haemoglobin and ESA data.
- Association with URR and dialysis time data.
- Repeated and extended survey 4/2007

## Results

- 1550 prevalent patients on 5th April; 58% of these were male
- Primary renal diagnosis available for 1399 patients