Scottish Renal Registry Report 2018

With Demographic data to 2018 and audit data to 2019

A Management Information publication for Scotland

Publication date: 8 October 2019

About this release

This release by Information Services Division presents the Scottish Renal Registry (SRR) 2018 Annual National Report. The SRR aims to improve the care of patients with established renal failure treated with renal replacement therapy (RRT).

This fourteenth SRR report presents information about the causes, incidence, prevalence, distribution, methods of treatment and outcome of patients receiving RRT for established renal failure (ERF) in Scotland between 1960 and 31 December 2018.

It also presents audit data relating to the quality of treatment delivered up until 30 June 2019 measured against national quality indicators / guidelines.

Main Points

- In 2018, 609 people (112 per million population (pmp)) started RRT for ERF.
- On 31 December 2018 there were 5,322 prevalent patients receiving RRT, 60% of whom had a functioning kidney transplant, 36% were being treated with haemodialysis (HD) and 4% with peritoneal dialysis (PD).

Prevalent Patients on 31 December between 1960 and 2018

- 293 patients resident in Scotland received a kidney transplant in Scotland in 2018, 46 (16%) of those transplants were pre-emptive, that is they were performed before the patient had required any other form of RRT, compared with 8% in 2017.
30.5% of kidney transplants performed in 2014-2018 were from living donors.

There is a significant trend of improving survival of function of transplanted kidneys from 1960 – 2018 and also patient survival following kidney transplantation up to 10 years post transplant.

In May 2019 71% of prevalent HD patients had a form of arteriovenous (AV) access, 29% were using central venous catheters. Significant differences persist between renal units with three out of nine (Aberdeen Royal Infirmary, Ninewells and Raigmore) meeting the suggested guideline of 80% for prevalent HD patients.

**Background**

The Scottish Renal Registry (SRR) is a national registry which collects and analyses data on patients who have been diagnosed with ERF. Data have been collected from Scottish renal units since 1960, which is the year when regular and routine RRT for ERF started in Scotland.

All renal units in Scotland fully participate in the data collection of the SRR and all patients receiving RRT for ERF are registered. On 31 December 2018 there were nine adult and one paediatric renal units in Scotland with 28 satellite dialysis units between them.

Prevalent patients are all patients whose treatment started on or before 31 December 2018 and who were still alive and resident in Scotland.

National data from the Scottish renal biopsy registry relating to both native and transplanted kidney biopsies performed in Scotland is also collected and reported. Please see News and Updates section of our website for more details.

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**Further Information**

For more information on Scottish Renal Registry see the Scottish Renal Registry. For related topics, please see the Scottish Healthcare Audits section of our website. Tableau dashboards will be available on publication day. The next release of this publication will be in October 2020.