Why are cadaveric renal transplants so hard to find in Japan? An analysis of economic and attitudinal aspects


Record Status
This is a critical abstract of an economic evaluation that meets the criteria for inclusion on NHS EED. Each abstract contains a brief summary of the methods, the results and conclusions followed by a detailed critical assessment on the reliability of the study and the conclusions drawn.

Health technology
Kidney transplantation and haemodialysis.

Type of intervention
Treatment.

Economic study type
Cost-effectiveness analysis.

Study population
End-stage renal failure patients.

Setting
The study was carried out in Japan.

Dates to which data relate
It seems that price related to 1985.

Source of effectiveness data
Single study.

Measure of benefits used in the economic analysis
Life years gained.

Direct costs
Direct costs were to the health service and included haemodialysis, and transplantation. It seems that price information related to 1985.

Currency
US dollars ($). In the DH Register of Cost-Effectiveness Studies, the original results were converted to 1991 UK pounds sterling (£) using GDP purchasing power parities and reflated to 1991 using the NHS pay and prices index.

Sensitivity analysis
No sensitivity analysis was carried out.

**Synthesis of costs and benefits**
Outcome and cost duration was life long. Incremental cost per life year for: kidney transplantation (live and cadaver) for end-stage renal failure patients, with haemodialysis (location unspecified) if graft fails was 11500; haemodialysis (location unspecified) was 27000 (costs and benefits not discounted).

**CRD Commentary**
(This commentary was not written by CRD, but by the authors of the DH Register.)

For haemodialysis and transplantation: 1) Life expectancy is modelled but values for parameters are not given. 2) It is not possible to assess the outcome estimates. 3) The model approximates survival with uncertain accuracy. 4) Costs of training, complications and immunosuppressants are not included. For haemodialysis: 5) Costs of training and complications are not included. 6) Values used in the costing model are not provided and cannot be assessed. 7) An exchange rate conversion from Yen to Dollars has been used. 8) This is a crude analysis; not all relevant costs are included.

**Bibliographic details**

**PubMedID**
10311723

**Indexing Status**
Subject indexing assigned by NLM

**MeSH**
Attitude to Health; Cadaver; Cost-Benefit Analysis; Diffusion of Innovation; Humans; Japan; Kidney Transplantation; Life Expectancy; Models, Theoretical; Renal Dialysis /economics; Tissue Donors /psychology

**AccessionNumber**
21995005225

**Date bibliographic record published**
09/08/1996

**Date abstract record published**
09/08/1996