

Il post trapianto e le sue criticità

Dalla governance clinica alla sostenibilità economica



09 ottobre 2020

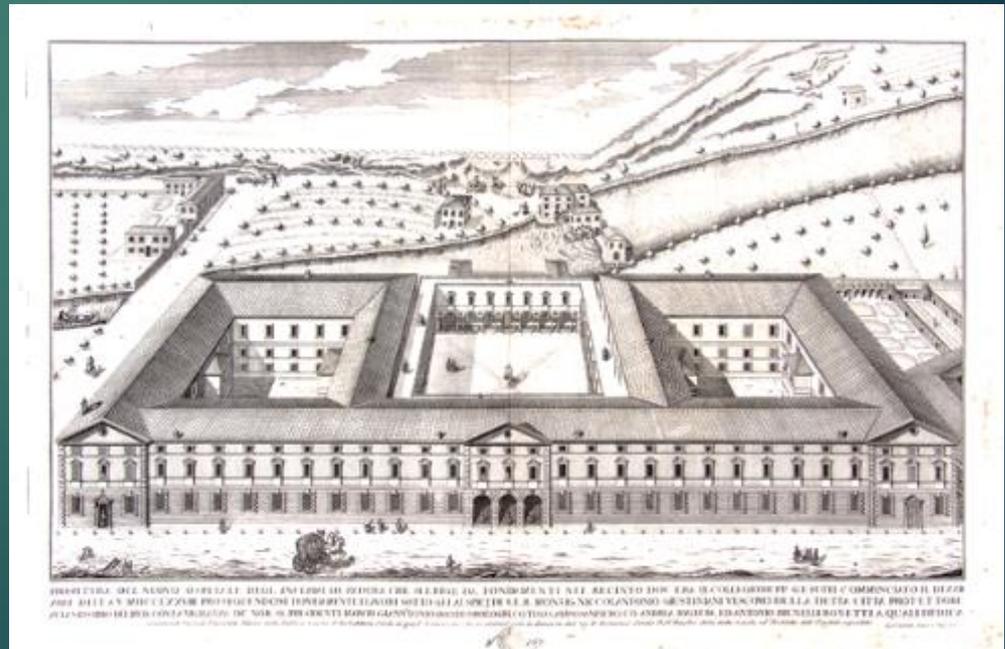


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Our Follow-up

- **Transplant dedicated outpatient clinic from MONDAY to FRIDAY (7 am - 2 pm)**
- Blood and Urine assay (7 - 8 am)
- Therapeutical infusions
- Phone, Fax and e-mail service
- Phone-dedicated nephrologist from 10 – 12:30 am; mobile phone → all the day
- Therapeutic planes compilation
- Medical prescriptions



Giustiniano Hospital, Padova

Medical Examination

- ▶ BLOOD and URINE SAMPLE
- ▶ Measurement of weight, diuresis and blood pressure
- ▶ **Review of all medications**
- ▶ Results of blood tests evaluated by a **nephrologist dedicated to transplantation**
- ▶ Letter of visit and **immediately therapy adjustment**



«Transplant» efficiency

$$\eta = \frac{N^{\circ} Tx}{\text{Graft failure or Death}}$$

Understanding the Causes of Kidney Transplant Failure: The Dominant Role of Antibody-Mediated Rejection and Nonadherence

American Journal of Transplantation 2012; 12: 388-399
Wiley Periodicals Inc.

J. Sellarés^{a,b}, D. G. de Freitas^{a,b}, M. Mengel^{a,c},
J. Reeve^{a,c}, G. Einecke^d, B. Sis^{a,c}, L. G. Hidalgo^{a,c},
K. Famulski^{a,c}, A. Matas^e and P. F. Halloran^{a,b,*}

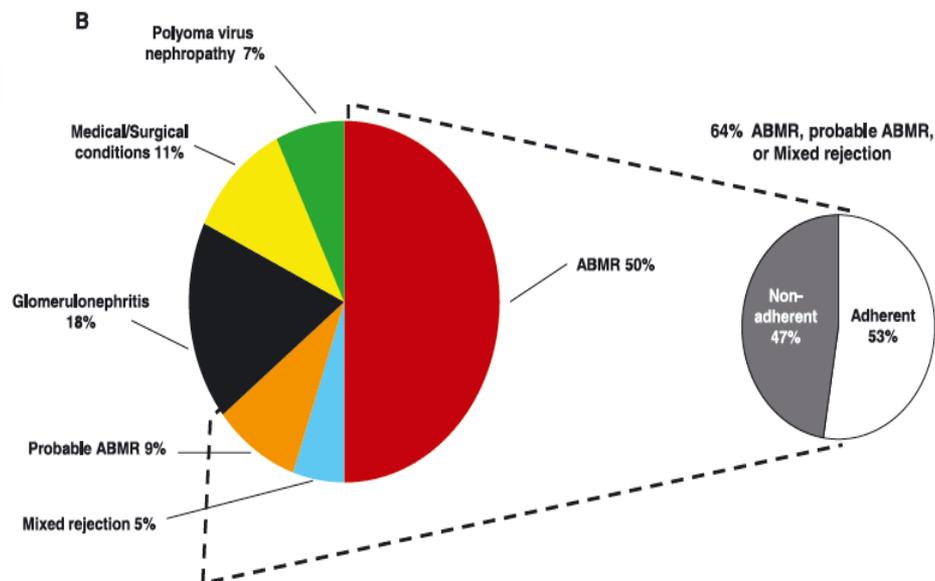
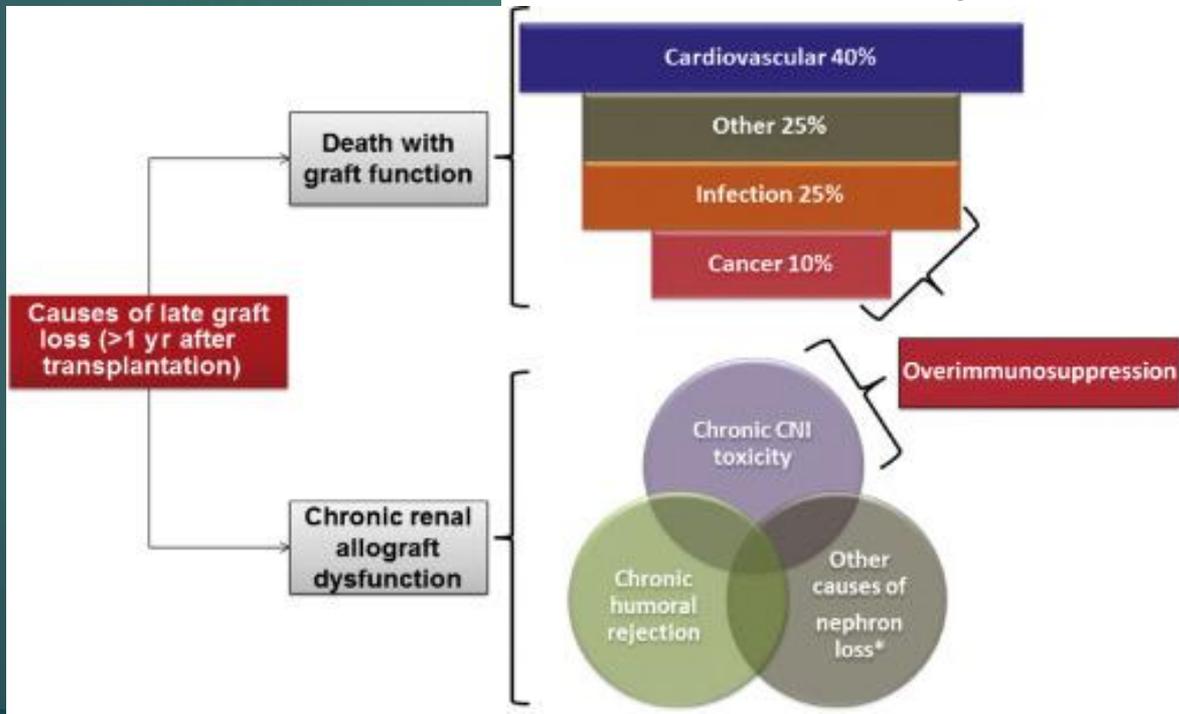


Figure 3: Attributed causes of graft failure in the biopsy-for-cause population. (A) Distribution of the attributed causes of failure (columns) according to the histological diagnosis in the last biopsy available per patient (rows). (B) Distribution of attributed causes of failure. Failures that could not be attributed due to missing clinical information are not represented (n = 4).





ADHERENCE

Compliance is 'the extent to which the patient's behavior matches the prescriber's recommendation';

Adherence is 'the extent to which the patient's behavior matches the agreed upon prescriber's recommendations';

Concordance is 'an agreement reached after negotiation between a patient and a healthcare professional'

PREVALENCE of non-adherence: 28-52%

"Non-adherence to immunosuppressants following renal transplantation: a protocol for a systematic review" Abigail Hucker et al.

BMJ Open 2017



Intentional

Missing doses

Altering doses

Non-intentional

Forgetting doses

Non-adherence



Transplant Center



Nephrological apparence center



(complexity, immunological problems, re-Tx)

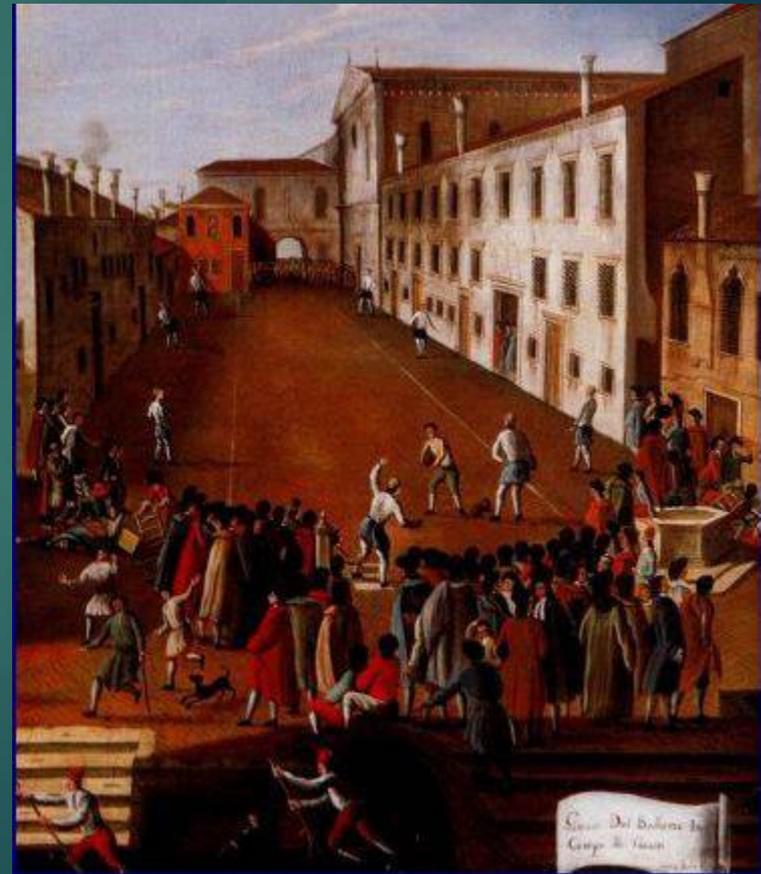
Patient typology

STANDARD

Overcoming Nonadherence/Noncompliance

- ▶ A **combination** of interventions via **team** approach is the most helpful long-term strategy
 - Pharmacist-led medication counseling
 - Individualized and patient-tailored education
 - Mobile application
 - Repetitive teaching
 - Clear communication based on patient's cultural background
 - Developing good relationships between patient and healthcare provider
 - Medication scheduling
 - Weekly pillboxes
 - Refill reminders
 - Prefer single-dose IS administration

ADMINISTRATIVE
DATAS



First living donor



Stile di vita



B. Canal