

La carga de enfermedad renal crónica (ERC) en España, resumen ejecutivo. La década del riñón

ERC será la 5ª causa de muerte en el mundo en 2040

Y la 2ª causa de muerte en España en 2100

Los españoles del 2100 han nacido ya

En Europa, el gasto en ERC es mayor que el de cáncer o diabetes

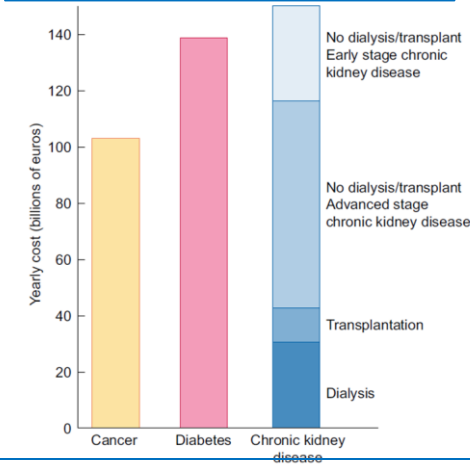
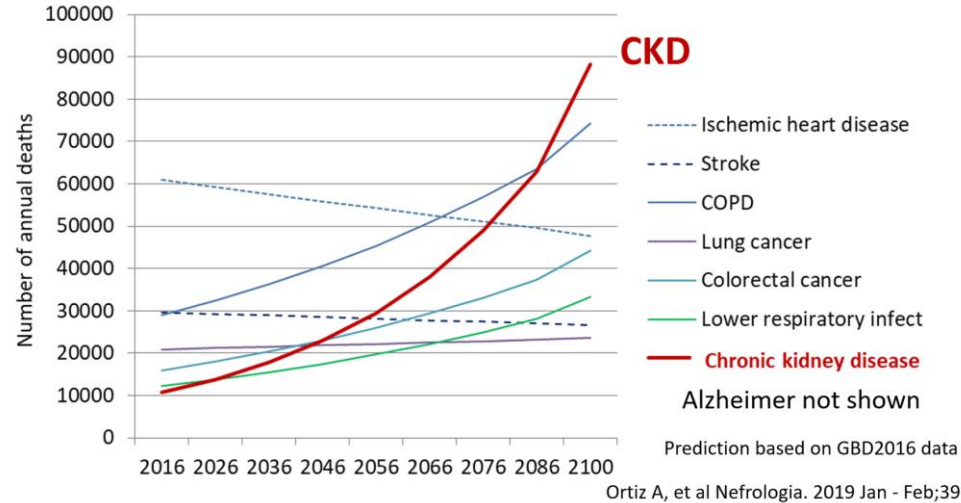
Worldwide top projected causes of death by 2040

Leading causes 2016	Leading causes 2040	Mean % change number of YLLs
1 Ischaemic heart disease	1 Ischaemic heart disease	-3.6 (-43.1 to 40.9)
2 Stroke	2 Stroke	-10.7 (-40.1 to 31.9)
3 Lower respiratory infections	3 Lower respiratory infections	-24.8 (-47.9 to 3.4)
4 Diarrhoeal diseases	4 COPD	32.1 (-13.0 to 98.4)
5 Road injuries	5 Chronic kidney disease	100.3 (8.3 to 302.1)
6 Malaria	6 Alzheimer's disease	131.2 (90.9 to 196.6)
7 Neonatal preterm birth	7 Diabetes	76.7 (10.3 to 228.8)
8 HIV/AIDS	8 Road injuries	-18.3 (-31.7 to 8.5)
9 COPD	9 Lung cancer	20.7 (-9.0 to 60.5)
10 Neonatal encephalopathy	10 Diarrhoeal diseases	-39.7 (-76.5 to 47.0)
11 Tuberculosis	11 Self-harm	7.8 (-15.2 to 41.9)
12 Congenital defects	12 HIV/AIDS	-30.4 (-41.8 to -20.3)
13 Lung cancer	13 Liver cancer	69.6 (30.7 to 135.2)
14 Self-harm	14 Hypertensive heart disease	89.9 (6.3 to 358.7)
15 Diabetes	15 Colorectal cancer	59.1 (18.3 to 123.9)
16 Chronic kidney disease	16 Tuberculosis	-40.0 (-52.8 to -19.7)
17 Other neonatal	17 Congenital defects	-41.0 (-50.6 to -30.5)
18 Alzheimer's disease	18 Neonatal preterm birth	-57.0 (-66.4 to -48.9)

YLL: years of life lost

Foreman KJ et al. Lancet 2018; 392: 2052-90

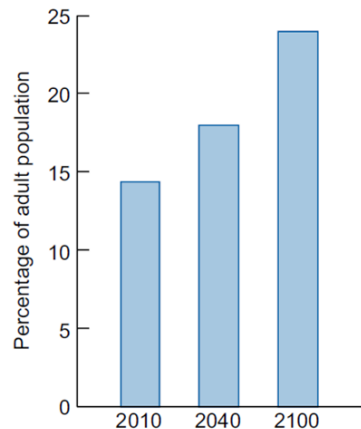
CKD set to become the most frequent cause of death after Alzheimer in Spain within this century



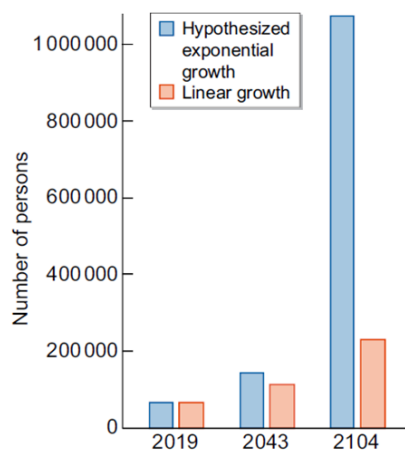
En 2100, uno de cada 4 españoles/as tendrá ERC y hasta 1 millón necesitarán diálisis o trasplante

El desenlace más común de la ERC es la muerte prematura (mayor mortalidad que muchos cánceres) antes de necesitar diálisis. A pesar de diálisis o trasplante, la esperanza de vida se reduce en hasta 40 y 15 años, respectivamente

C Percentage of adult Spanish population with CKD



D Number of persons on KRT in Spain



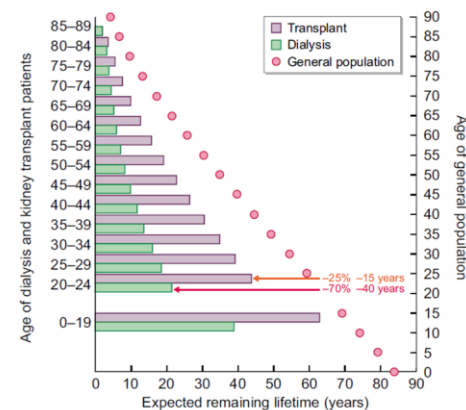
E Spanish burden of CKD

22% increase in kidney replacement therapy incidence and prevalence 2013-2019 in Spain

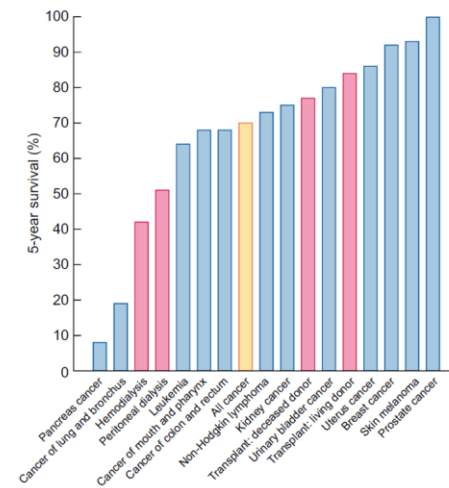
AIRG-E, EKPf, ALCEr, FRIAT, REDINREN, RICORS2040, SENEFRo; SET, ONT. CKD: The burden of disease invisible to research funders. Nefrologia. 2022;42(1):65-84.

RICORS2040: the need for collaborative research in chronic kidney disease. Clin Kidney J. 2021;15(3):372-387.

A Expected remaining lifetimes of the general population and of prevalent dialysis and kidney transplant patients



B



En inglés, enfermedad renal crónica se dice chronic kidney disease (CKD)