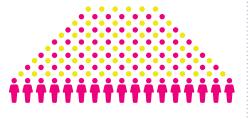
Interconnected cardiovascular, renal and metabolic conditions

CARDIOVASCULAR, RENAL AND METABOLIC CONDITIONS SUCH AS HEART FAILURE (HF), CHRONIC KIDNEY DISEASE (CKD) AND TYPE 2 DIABETES (T2D) ARE A GLOBAL HEALTH ISSUE



More than **1 billion**people worldwide are affected
by **HF**, **CKD** and **T2D**¹

These conditions collectively rank as a **leading cause**of death worldwide²

20 million deaths every year^{2,3}





High clinical and economic burden, account for one third of all inpatient costs⁴

HAVING HF, CKD OR T2D INCREASES THE RISK OF DEVELOPING OTHER CARDIOVASCULAR, RENAL AND METABOLIC CONDITIONS DUE TO THEIR INTERCONNECTIVITY^{1,5,6}

Up to 60% of people with **CKD** have **CV disease**⁷

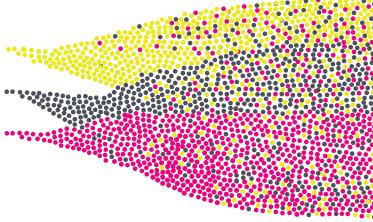
Up to 40% of people with T2D have CKD^{8,9}

Up to 45% of people with **HF** have **T2D**¹⁰









TIME

A HOLISTIC APPROACH TO THE MANAGEMENT OF THESE CONDITIONS IS NEEDED



Cardiovascular, renal and metabolic conditions often present no symptoms in the early stages, so many go undiagnosed



Coexistence of two or more cardiovascular, renal and metabolic conditions is associated with increased mortality^{7,11,12}



Early screening, diagnosis and intervention can delay the consequences of HF, CKD and T2D, including cardiovascular death¹³⁻¹⁵

References

1. Schechter M, et al. Cardiovasc Diabetol. 2022;21;104. 2. Factsheet detailing the top 10 causes of death. World Health Organization. Available at: www.who.int/news-room/fact-sheets/detail/the-top-10-causes-of-death. Accessed: July 2023. 3. GBD 2015. The Lancet. 2016;388(10053):1459–544. 4. UK NIS report. Non-elective in-patient burden of Cardio-Renal-Metabolic (CRM) conditions in England: February 22, 2021, submitted to EASD 2021. 5. Bragazzi N, et al. Eur J Prev Cardiol. 2021;28(15); 1682–1690. 6. Braunwald E. Prog Cardiovasc Dis. 2019;62(4):298–302. 7. Lovre D, et al. Endocrinol Metab Clin North Am. 2018;47:237. 8. Afkarian M, et al. JAMA. 2016;316:602. 9. International Diabetes Potabetes States.org. Accessed: July 2023. 10. Packer M. Diabetes Care. 2018;41:11-13. 11. Birkeland K, et al. Diabetes Obes Metab. 2020;22:1607. 12. Afkarian M, et al. J Am Soc Nephrol. 2013;24:302. 13. American Diabetes Association. Diabetes Care. 2023;46:S. 14. Kidney Disease: Improving Global Outcomes (KDIGO) CKD Work Group. Kidney Int. 2022;102:S1. 15. Heidenreich P, et al. J Am Coll Cardiol. 2022;79:e263.



