

Open Innovation Challenge – Health Revolutionary Congress (May 14-15, 2025)

Challenge: Improving Quality of Life for Dialysis Patients

Dial-School: We seek innovative technological solutions for proof-of-concept, pilot testing, or co-creation aimed at providing gamified online training for dialysis patients and their families. The educational content should focus on kidney disease, dialysis treatment, physical activity, suitable dietary habits, and essential care practices, ultimately enhancing the quality of life.

Key Features:

- Online platform accessible via mobile devices.
- Easy to use for all age groups, with special consideration for individuals aged 60 and above (the majority patient demographic).
- Gamified elements to boost user engagement and adherence.
- Solution must be viable, feasible, and scalable.

Context:

- Consorci Sanitari Alt Penedès-Garraf (CSAPG) has launched the Dial-On project, comprising various actions (Dials) to promote healthier lifestyle habits for dialysis patients and their families beyond dialysis sessions. Dial-Escola is one such Dial.
- The Nephrology Service at CSAPG operates two dialysis centers, serving approximately 120 patients annually and conducting nearly 20,000 dialysis sessions per year (including conventional hemodialysis and online hemodiafiltration).

About CSAPG:

The Consorci Sanitari Alt Penedès-Garraf is a public healthcare provider integrating health resources in the Alt Penedès and Garraf regions. It comprises Hospital Comarcal de l'Alt Penedès, Hospital Residència Sant Camil, Hospital Sant Antoni Abat, the Rehabilitation Centre, and CAPI Baix-a-Mar.

CSAPG prioritizes a value-based healthcare model, emphasizing systematic monitoring and transparent reporting of clinical outcomes. It promotes transformative innovation and research aimed at positively impacting patients, healthcare professionals, and economic efficiency. The organization has strengthened its educational role, becoming a leading reference in undergraduate and postgraduate medical training. Additionally, CSAPG fosters professional growth, promoting cohesion, recognition, and flexibility among its workforce. Advanced technological transformation is a core strategic focus, driving improvements in care quality.

Governance is overseen by the Consell Rector, whose functions are established by the organization's statutes. The board includes representatives from CatSalut, mayors from Vilanova i la Geltrú, Sant Pere de Ribes, and Vilafranca del Penedès, and delegates from the Garraf and Alt Penedès regional councils.

