



GHT	254	550	254	273	154	71
RDW	650	320	750	273	325	154
TRG	241	450	144	364	954	174
RTG	254	650	874	657	125	274
WEF	784	145	124	752	741	759
HRT	453	784	954	241	741	345

BD4QoL Overview



BD4QoL provides people after *Head and Neck Cancer* treatment and the different medical specialists involved in their care with an unobtrusive, privacy compliant, real-time monitoring and supportive environment, integrating *Big Data-driven AI algorithms and in-silico models*, mobile and wearable devices already in-use for real-time assessment of individual Quality of Life (QoL), that will guide timely and personalized interventions.

Behaviour reconstruction and sentiment analysis algorithms will allow early detecting new diseases, onset of depression, social discomfort and signs of quality of life deterioration and to empower individual support.

The realized tools will be experienced by more than 400 people having undergone head and neck cancer treatment in a multicentre randomized controlled trial in Italy and UK, to evaluate their effectiveness for quality of life improvement and for early detection of new diseases.

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05/01/2021



This project has received funding from
the European Union's Horizon 2020
research and innovation programme
under grant agreement No 875192



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BIG DATA FOR QUALITY OF LIFE

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