FREDRIK LANDSTRÖM was born in Stockholm in 1966 but grew up in Piteå. After studying technical physics he went on to medical studies in Linköping. He first trained as a primary health care physician and became a specialist in 2001. In 2003 he started his training in the ENT department at the University hospital in Örebro and became an ENT-specialist in 2008. Today he works as a head and neck surgeon with special interests in airway management and minimally invasive techniques, for example transoral robotic surgery. He has been involved with clinical electrochemotherapy (ECT) since 2005.

ECT is a local chemotherapy treatment in which the intracellular accumulation of a chemotherapeutic agent is enhanced by an electrical field, so called electroporation. In this thesis the long-term follow up after ECT in 26 patients with head and neck cancer and non-melanoma skin cancer is reported as well as evidence of cell-type selectivity after ECT in vitro.

Curative Electrochemotherapy in the Head and Neck Area

FREDRIK LANDSTRÖM
Medical Sciences with a specialisation in surgery