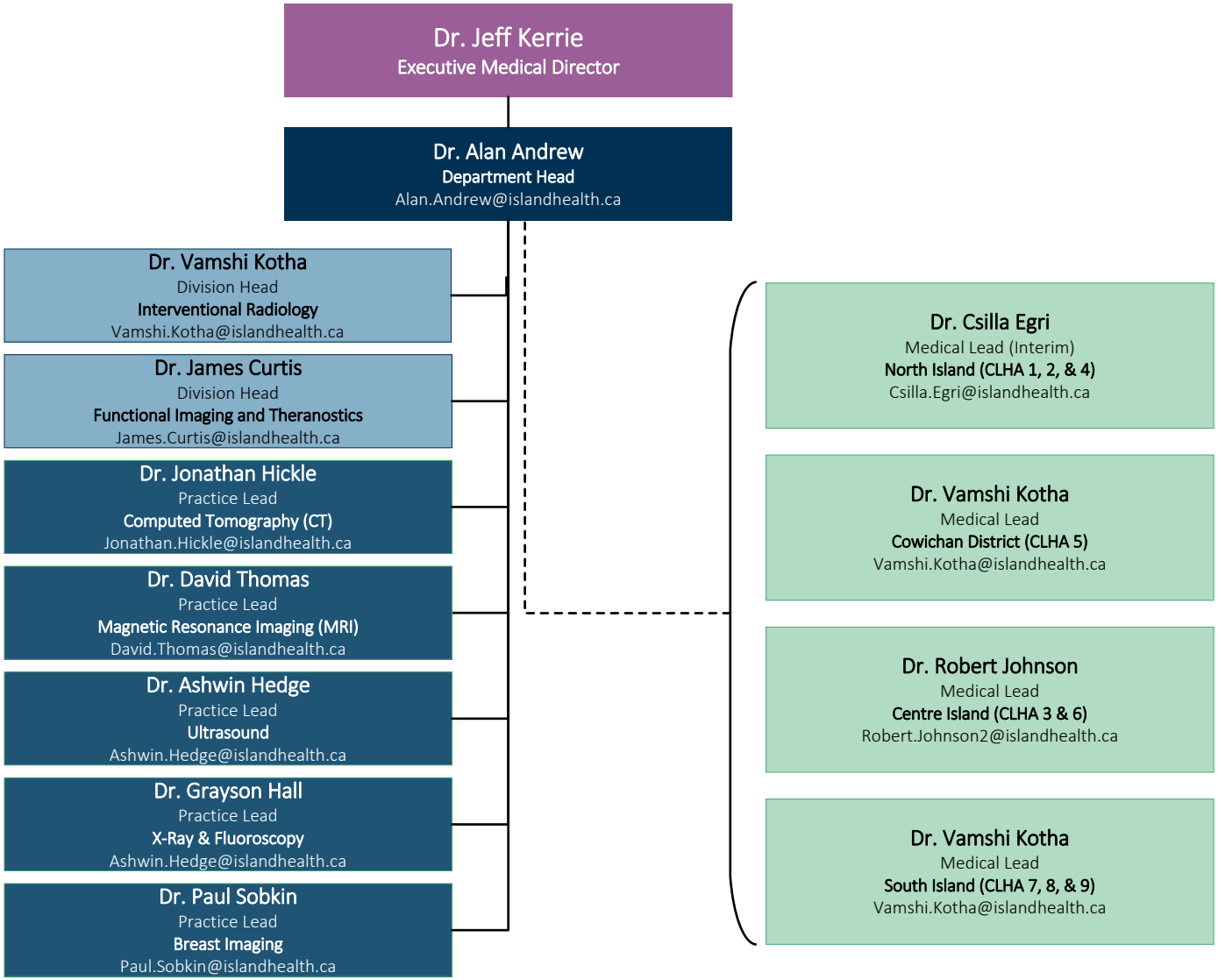Department of Imaging Medicine