



This is to certify that

Ralph Maderthaner

has fulfilled the diploma renewal criteria in 2023 and is entitled to hold the European Diploma in Cardiovascular Radiology by the European Board of Cardiovascular Radiology (EBCR).

This qualification attests a standard of in-depth knowledge in the field of cardiovascular radiology as outlined in the Cardiac and Vascular Radiology chapter of

ESR European Training Curriculum for Subspecialisation in Radiology.

Prof. Regina Beets-Tan

Chair of the ESR Board of Directors

Prof. Dr. Rozemarijn VliegenthartESCR President

