The article considers main problems conditioned demand of development of model of professional training of roentgenologists for working on magnetic resonance tomographic scanner in conditions of non-public medical diagnostic center in accordance with the concept of continuous medical education. The developed model is presented in graphic form i.e. folded in the form of generic structure and unfolded in the form of algorithmic and structural models of separate blocks. The detailed description of components of model and their functional designation are presented.