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Medical Innovation Management: Principle and Practice

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Abstract

With the establishment of a new organization from FY 2015, our country shall be taking a whole new approach in accelerating research and development in the field of medical and health care. The keyword is PDCA (Plan-Do-Check-Action), along with unified and consolidated management. We have described in this manuscript comprehensive knowledge and know-how we have fostered through supporting the national programs by MEXT (Ministry of Education, Culture, Sports, Science and Technology) and MHLW (Ministry of Health, Labour and Welfare) in the past decade, such as “Coordination, Support and Training Program for Translational Research”, “Translational Research Network Program”, “Specified Disease Treatment Research Program”, and “Early/Exploratory Clinical Trial Center Development Projects”. Additionally, we have verified and summarized what we need to do to assure quality and gain more productivity from clinical studies in the chapter titled “Expansion and reinforcement strategy of basic research for the sustained creation of innovation”. It will be our pleasure if our work will serve as a useful reference to those concerned.

Key words

PDCA Management, translational research (TR), innovation, project management

Rinsho Hyoka (Clinical Evaluation) 2014 ; 42 : 241-394.