

# Clinician Transformation has to be Clinician Driven

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## Abstract

*A clinician who had diversified into software development teamed up with a highly experienced Rheumatologist to create a standalone EMR for rheumatology services. This incorporates existing as well as evolving disease activity standards for an included CDSS. E-Prescriptions, Investigation reports as well as other hard copies which the patient can keep for his information are integrated. The application was launched in July 2007 after over two years of joint effort. Constant innovation and enhancement is still continuing. Use of the application has resulted in a transformation of our clinical workspace with faster patient turnover, efficient disease management, coordination between team members as well as better and extremely fast research output. This application is now being adopted for use by other Rheumatologists. We believe that this successful implementation – an actual clinical transformation - was related to the deep involvement and understanding of the processes required by the users i.e. the clinicians themselves. Luck, willingness to innovate and preexisting IT based environment were other factors helpful for success. The methodology used can be adopted by other specialties to produce relevant world class applications for such their fields. Similar to this example, we have been working in other specialties with albeit less success as the involvement of the relevant clinician is less so.*

## Keywords:

EMR, Medical records systems, Clinical transformation, Organizational innovation, Time factors