



The research commercialisation office of the University of Oxford, previously called **Isis Innovation**, has been renamed **Oxford University Innovation**

All documents and other materials will be updated accordingly.
In the meantime the remaining content of this Isis Innovation document is still valid.

URLs beginning www.isis-innovation.com/... are automatically redirected to our new domain, www.innovation.ox.ac.uk/...

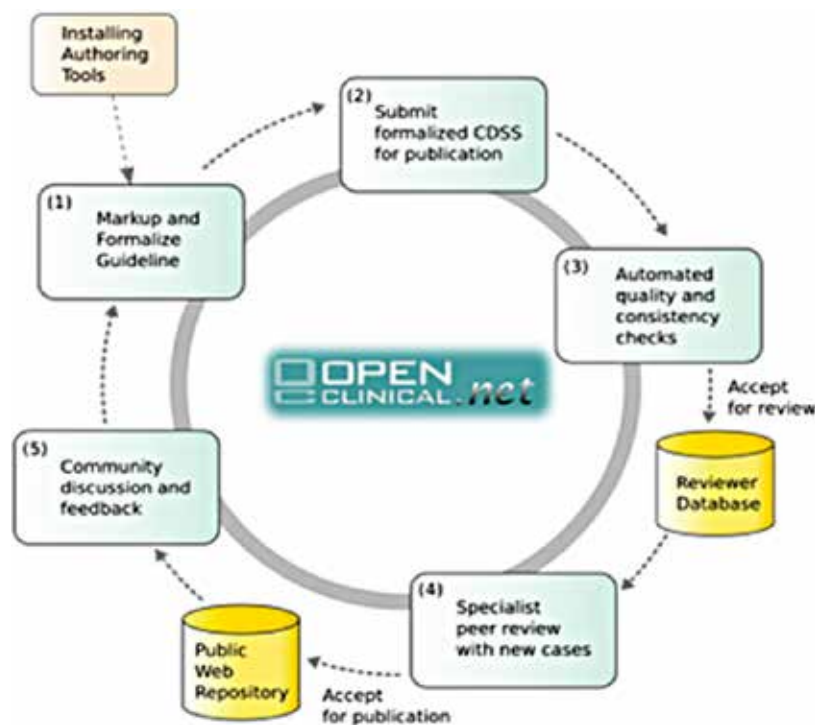
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OpenClinical.net –

A new way to promote best clinical practice

Using advanced artificial intelligence to bring patient-specific, evidence-based advice to the point of care - to ensure greater quality, safety and better use of resources.



The OpenClinical.net development lifecycle.

NICE CPGs and similar publications to prepare and maintain collections of “localised” guidelines for the services that they offer.

Unfortunately busy doctors, nurses and other healthcare professionals rarely have time to read and absorb lengthy CPGs. Furthermore localised versions are difficult to keep up to date, and are often difficult to access and use in a busy clinical setting. Consequently, despite the enormous investment, CPGs frequently do not achieve their major potential benefits.

OpenClinical.net brings an entirely new approach to these challenges. CPGs can be enhanced with computer interpretable models of clinical decisions and care pathways, to help decision-making and workflow management in a way that is specific to the individual patient’s needs and preferences. OpenClinical.net

provides tools for creating, validating and deploying this new kind of clinical guideline, and quickly adapting national guidance to reflect local circumstances. The OpenClinical publishing platform is operational and the aim now is to scale up the 50+ applications on Repertoire, the OpenClinical.net repository, into a comprehensive, open access and open source facility that can help to improve practice throughout health and social care.

Countless medical organisations around the world publish clinical practice guidelines (CPGs) covering most of modern medicine. CPGs typically set out best practice as texts, quality checklists, workflow diagrams etc., based on authoritative reviews of current knowledge and evidence. CPGs provide general recommendations for practice for use when designing clinical services as well as in routine medical practice. The aim is to improve clinical outcomes and patient safety, reduce waste and costs, and assure better patient experience.

Achieving these goals are challenges for healthcare providers all over the world. NICE (National Institute for Health and Care Excellence) has the largest development programme in the world, with some 200 CPGs and well over 300 clinical pathways being constantly maintained. NHS Hospitals and healthcare providers commonly use



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