

CSC MAP OF MEDICINE



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Providing best practice clinical decision support, instantly

THE CHALLENGE OF ENSURING BEST PRACTICE

One of the key issues affecting all healthcare providers is the need to ensure that the most appropriate treatment is provided to patients at all times. The figures show this does not always happen. Research in several countries suggests that up to one in ten patients is unintentionally harmed by the treatment they receive, and this frequently leads to waste of resources, litigation, compensation payments and severe damage to reputation.

Poor outcomes for patients can be caused by a range of factors, but the most important of these are related to knowledge-related problems, such as:

- Conflicts between proposed treatment and existing patient conditions or medication.
- Lack of communication between clinicians or departments, leading to inappropriate treatment.
- Recent changes to best practice treatment that some clinicians are not aware of.

To ensure that healthcare providers deliver the best possible patient outcomes, and make best use of their own resources in doing so, it is essential that gaps in knowledge across healthcare trusts are kept to the absolute minimum.

A ROADMAP TO BETTER RESULTS

Map of Medicine, our clinical decision support solution, is designed to ensure that clinicians always have immediate access to a library of up to date treatment pathways, showing current best practice and connections and conflicts between treatment options.

Over 370 treatment pathways are covered by the system today, providing both an instant 'refresher' for practitioners and an in-depth understanding of how best practice for each given treatment works. All information in the map is updated each year to keep it current.

Perhaps most important, the Map of Medicine is fully integrated: no single treatment pathway is treated in isolation. Clinicians can see clearly how their interventions will affect the patient in question, given the context of their other conditions and current state of health. With access provided to all authorised staff, regardless of location, the Map of Medicine also fosters collaboration, consultation and accurate information for all practitioners.

REDUCING PROBLEMS, IMPROVING OUTCOMES

Map of Medicine has the power to deliver key benefits both to patients and the healthcare providers treating them.

- It reduces the prospect of inappropriate treatments and potential complications, while ensuring fast referrals when needed.
- It provides instant access to best practice knowledge related to most conditions.
- It also fosters the personal development of clinicians, especially when they may be venturing into unfamiliar territory.
- It ensures better, more integrated multi-disciplinary care.
- By making these improvements, it enables providers to make the best of resources, avoid conflict with patients and speed up induction of new personnel or locums.

Map of Medicine is a key information resource with the ability to raise standards and reduce the problems caused by faulty treatment for all concerned.

RESULTS

BEYOND EXPECTATIONS

SIMPLE AND INTUITIVE

Map of Medicine is stable, proven and easy to use. It is accessed from any suitable workstation or mobile device via a logically designed, simple web browser. The system was developed by clinicians themselves, so its design and layout is logical, which explains why most clinicians are able to use it at once, with little training.

The library of treatment pathways is accessed from a graphic menu, with connections between each stage of care shown on screen. Access to further relevant information is provided, together with prompts concerning key questions or lines of investigation that may be indicated. Clinicians can add their own notes and annotations to the pathways, ensuring local flexibility.

In practice, clinical users are able to follow the pathways and profit from the experience of the experts who developed each knowledge component. It is both a roadmap and an expert system in the hands of every user, providing flexible and appropriate decision support at the time and place it may be needed.

BEST PRACTICE IN TREATMENT AT ALL TIMES

Clinicians enter the health service in order to deliver the benefits of excellent healthcare to patients, yet there is the ever-present danger of things going wrong because of gaps in knowledge. When this happens, the result is damaging for every person and healthcare trust concerned. Map of Medicine is a simple tool that could have a big impact on trusts.

Through access to current best practice, faster inventions and referrals, refresher information online at all times and rapid flagging of potential conflicts or concerns, the system can make a significant contribution to better outcomes. That will cut down wasted resources, compensation payments and the related problems that events like these can cause.



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