Order Sets

For faster, smarter orders

Elsevier’s Order Sets support the creation, update and deployment of evidence-based, pre-prepared order checklists.

Integrated into your EHR, our solution can help reduce variability in care around common complaints whilst improving the accuracy and efficiency of order writing.

Sound interesting? Well take a look inside.
We’d like to ask you some questions.

We all know what an order is.

An order is the means by which a clinician delegates patient care to another member of the clinical team and can include lab tests, drugs, nurse treatment interventions, referrals and other requests to the wider interdisciplinary team. They are an integral part of the clinical workflow.

Yet how does your organisation generate and deploy order sets?

By order sets we mean conveniently grouped orders that apply to a specified medical problem, diagnosis or treatment time period.

• Traditional paper forms? Created by in-house clinicians?

• Downloadable electronic forms? Developed from the input of a number of institutions?

• Lists integrated into a Computerised Physician Order Entry (CPOE) system? With a defined governance structure and review process?

What are the challenges you face in doing this?

• Aligning to evidence-based practice: How do you ensure that the order sets you create reflect current best practice and what process is in place for continual review and update?

• Streamlining the creation and review process: How do you minimise inefficiencies in the creation, review and governance of these order sets?

• Encouraging physician uptake: Are your order sets integrated well with the physician workflow and is staff consultation and involvement an essential step in the development and implementation process?
Introducing our Order Set solution:

Order Sets have been designed to address each of these challenges. Our innovative, cloud-based solution enables physicians, clinicians and informaticists to develop and maintain evidence-based order sets, before exporting directly to an EHR for use via a CPOE, or printed for use at non-digital sites.

Our solution consists of 4 components:

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<tr>
<th>Management System</th>
<th>Enables hospitals to easily create, edit and approve order sets</th>
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<td>• Handles all the processes around order set authoring, review and task management</td>
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<td>• Includes modern collaboration tools for ease-of-use and faster user adoption</td>
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<td>• Allows order sets to be assembled, reviewed and implemented by trusted individuals across single or multi-site organisations, from any internet enabled device</td>
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<th>Content</th>
<th>Supports development of evidence-based order sets</th>
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<td>• Order Sets content is evidence-based and developed to give rapid access to optimal orders at the point of care</td>
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<td>• Combines orderable items with concise clinical decision support guidance</td>
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<td>• Continuously updated through our physician led content team and ‘pushed’ to the customer</td>
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<th>Integration</th>
<th>Ensures seamless EHR integration and simplification of the order set process</th>
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<td>• Bi-directional EHR integration allows for importing existing order sets from varied CPOE systems across multiple sites</td>
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<td>• Incorporates current and preferred vocabulary or existing medical terminologies for localisation of medical content, minimising interpretation errors</td>
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<td>• Updated and newly created order sets can then be exported directly back into your EHR across multiple sites</td>
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<th>Services</th>
<th>Supports organisational, cultural and operational aspects of implementation</th>
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<td>• Elsevier implementation teams are led by clinicians and informaticists with a deep knowledge of the order set space, supported by experts in software deployment</td>
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<td>• Our services include ongoing support to increase utilisation of the solution, including executive and physician / provider alignment sessions</td>
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Order Sets at work in your organisation

Order Sets and the Hospital EHR

1. Use our integration capabilities to import your order catalogue and any existing order sets into our cloud-based management system.

2. Clinician-led, collaborative order set development using our evidence-based content combined with your own EHR catalogue.

3. Export clinician-developed order sets from Order Sets management system to be incorporated back into the EHR.

4. Apply evidence-based order sets in clinical practice using existing EHR functionality. Professional support services ensure successful implementation and sustained adoption.

In this collaborative environment, Elsevier enables physicians, clinicians and informaticists to easily and rapidly maintain, update and deploy order sets. Order Sets drive quality care by assuring all clinicians are consistently working with the best evidence available.
Value for your organisation

With Elsevier’s order set solution, you can:

- **Reduce variability and ensure high-quality, cost effective care** – By reinforcing evidence-based practice and making it easy to standardise care delivery for common complaints. This helps reduce unnecessary tests, treatments and procedures plus the associated costs.

- **Drive quality and patient satisfaction** – By reducing preventable time, pain and harm to patients during tests, treatments and procedures which could lead to complications and an extended length of stay.

- **Minimise inefficiencies in the clinical workflow** – By providing clinicians with easy access to pre-defined sets of tasks, requests and tests that are patient and scenario specific at the point of care.

- **Give clinicians more time with patients** – By minimising time and resources needed to build, manage and update order sets with Elsevier’s Order Sets cloud-based collaborative environment.

Benefits are now being seen by world-leading organisations

**University of Kentucky Healthcare, US**

Order set redundancy and format variances made authoring and upkeep difficult. Use of the Order Sets solution via their EHR resulted in:

- Order set build time reduced from 8 hours to 2 hours per order set
- Impact of order sets realised more quickly
- Improved adherence to quality standards
- Evidence-based clinical decision making
- Savings on inappropriate tests

**Universitätsklinikum Frankfurt, Germany**

Elsevier Order Sets voted one of the Top 5 Health IT topics in Germany for 2016. The Frankfurt pilot developed five order sets.

- Deployed in gastroenterology & urology departments
- Improved support for clinical decision making
- A 0.5 day reduction in the mean length of stay during a 3 month observation period

**Monash Health, Australia**

Integrating Order Sets into its planned electronic medical record system as part of a major digital transformation effort.

- To improve patient care and safety and reduce variations in care
- Supported by quick access to evidence-based content via Elsevier’s clinical reference solution, ClinicalKey
No EHR? That’s not a problem…

1. Access to 200+ Elsevier evidence based order sets through the Elsevier online platform
2. Training and support in the development of local content and maintenance of local order sets
3. Ability to print out order sets from the platform to support the use of paper order sets
4. Updates and new content provision from Elsevier’s clinical team

Procuring an EHR? We’ll work with you to simultaneously develop a content strategy, allowing you to leverage your investment and reduce implementation time and costs.

To learn more or request a demo for your organisation,