



## TRUSTED E-PRESCRIBING DECISION SUPPORT

The UK's leading drug database and  
clinical decision support solution

‘It’s a proven  
UK medication  
database which  
allowed us to be  
dm+d compliant  
from go-live.’

CAMBRIDGE UNIVERSITY  
HOSPITALS NHS TRUST



FDB Multilex<sup>®</sup> provides comprehensive, independent, medications information and is the UK’s most widely used drug knowledge database, deployed in over 10,000 sites.

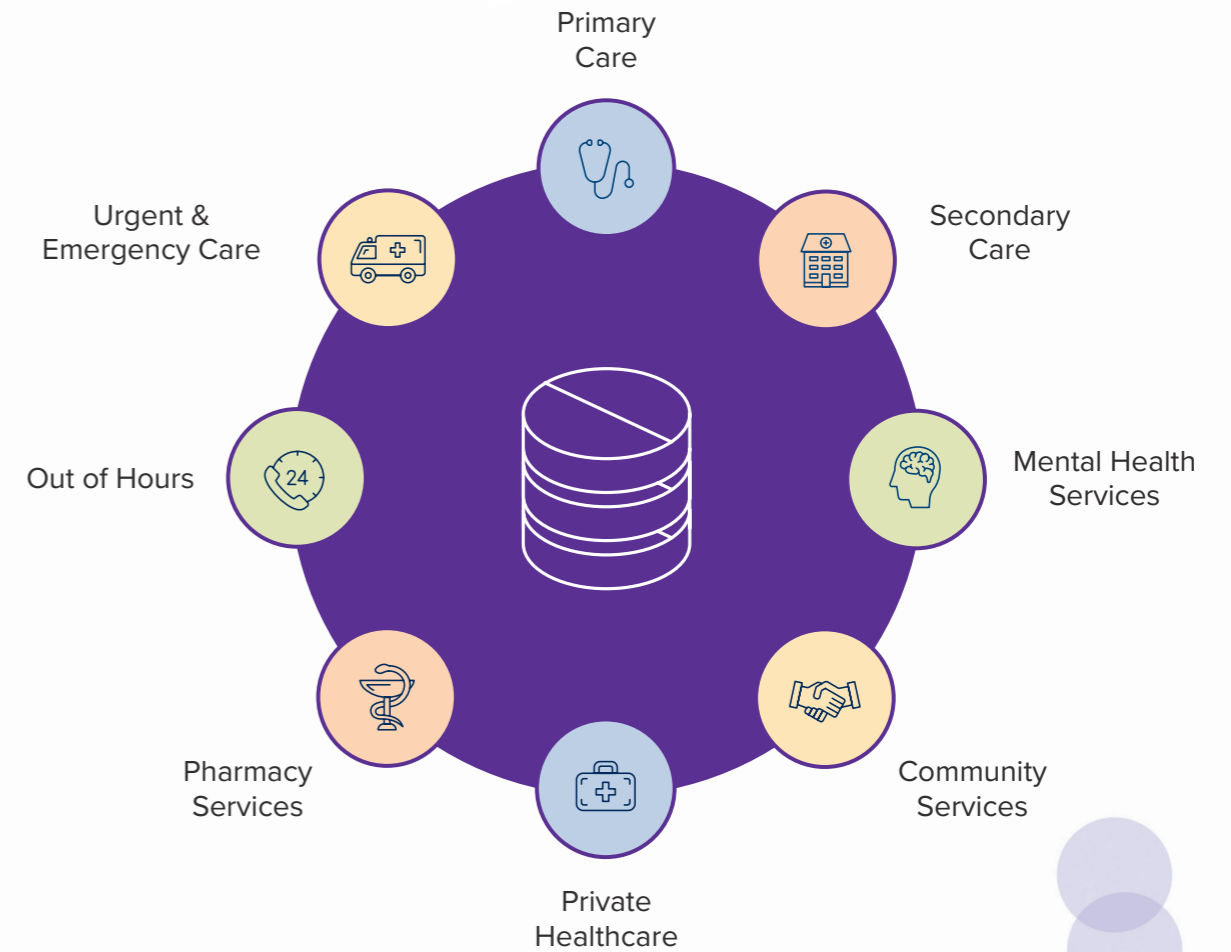
With over 30 years' experience, FDB has built longstanding partnerships with leading clinical system vendors.

**Multilex integrates into existing clinical workflows and is used at the point of care as a trusted prescribing decision support tool.**

Integrating the Multilex database with an electronic patient record enables context-specific drug knowledge and enhanced functionality that helps to reduce prescribing errors.

Multilex has been designed and built by UK clinicians and is maintained by a team of in-house clinical experts and a dedicated integration team, all based in the UK.

Multilex supports safer prescribing and dispensing across a range of healthcare settings.



# Benefits of Multilex

## + Improve Patient Safety

Multilex integrates into electronic patient record (EPR) and e-prescribing systems to support active clinical checking against a patient's medication record, giving clinical staff the support and information required to safely prescribe the most appropriate medications for the patient condition. The real-time clinical alerts and warnings highlighted within the prescribing process assist in reducing the risk of medical errors.

## + Reduced Dosing Errors

Multilex includes predefined, patient specific, dose Order Sentences that can be used to help reduce over- and under-dosing. The intelligent dose algorithm uses patient data such as age, weight and body surface area to determine appropriate drug doses. The Multilex solution enables in-built checks of doses before the prescription is confirmed (including dose range check and cumulative dose check) to ensure that the risk of medication dose error is reduced.

## + Improve Clinical Efficiency

Multilex drug information is reviewed, updated and interpreted by an in-house team of clinical pharmacists and researchers, ensuring fully quality checked, evidence-based medicines information. Integrating FDB Multilex into an electronic prescribing and medicines administration (ePMA) system delivers this information to the point of care, enabling faster medication checks and giving busy clinical staff the confidence they are using current medicines guidance.

## + Ensure Interoperability

Multilex facilitates interoperability between systems by integrating a wide range of clinical terminologies including the NHS Dictionary of Medicines and Devices (dm+d) and SNOMED CT. FDB Multilex also includes the medication data structure and barcode information that underpins a closed-loop electronic Prescribing and Medicines Administration (ePMA) system.

‘Our day to day relationship with FDB is brilliant - they respond very swiftly and information is spot on every time.’

Kate Turner, DXC TECHNOLOGY

**Tel:** 01392 440100  
**Email:** [contact@fdbhealth.com](mailto:contact@fdbhealth.com)  
**Visit:** [www.fdbhealth.co.uk](http://www.fdbhealth.co.uk)

FDB (First Databank) is the leading provider of drug knowledge that helps healthcare professionals make precise decisions. With thousands of customers worldwide and four decades of experience, FDB enables our developer partners to deliver actionable solutions that help improve patient safety, quality, and healthcare outcomes.

©2023 First Databank UK Ltd. FDB is a trading name of First Databank UK Ltd. Part of the Hearst Health network.  
All trademarks mentioned herein belong to their respective holder.