



## MULTILEX

### for Community Pharmacy

Multilex Drug Data File (Multilex DDF) from First DataBank Europe (FDBE) is the UK's most comprehensive and widely used drug knowledge base and is used across the whole healthcare community to provide effective clinical decision support.

Multilex DDF provides a wealth of clinical and commercial information on thousands of pharmaceutical products. Integrated into clinical systems, it supports community pharmacists in making informed decisions about all aspects of Medicines Management and complements the patient counselling process.

FDBE also produces an Endorsing and Reimbursement Toolkit, which uses the complex regional Drug Tariff endorsing rules to provide automatic prescription endorsement and reimbursement information crucial to the pharmacy business.

## COMMUNITY PHARMACY

### Supporting the Community Pharmacist

The role of the community pharmacist is rapidly expanding. New opportunities and responsibilities such as supplementary prescribing and Medicines Use Reviews mean that increasingly pharmacists require good access to quality medicines information in order to improve patient care.

There is also a continued need for effective business support in the commercial environment.

Integrated into leading community pharmacy systems, Multilex DDF has been used for many years to provide clinical decision support for safe, effective and economical prescribing and dispensing.

When information about a patient medical condition is recorded, Multilex DDF carries out the following checks: drug-drug interactions, sensitivities, contraindications, precautions, drug doubling, therapeutic doubling and a dose range check. Messages and alerts can be filtered according to the patient's age, sex and medical condition, including pregnancy, lactation and hepatic and renal conditions.

### Professional Quality

FDBE has a large team of pharmacists, clinicians, clinical researchers, healthcare informaticists and software developers who maintain and develop our drug knowledge base.

The company operates a Quality Management System that is certified to the latest ISO 9001:2000 standard and operating procedures are regularly reviewed.

### Product Coverage

Multilex DDF holds a vast range of information on UK pharmaceutical products and appliances. It contains more than 75,000 product and pack records including:

- all POM, P and GSL products
- medical devices, as included in regional Drug Tariffs
- borderline substances (ACBS approved nutritional supplements) as included in regional Drug Tariffs
- herbal products (licensed)
- 'own brand' products for specific pharmacy customers
- some unlicensed medical products.

# COMMUNITY PHARMACY

First DataBank Europe is the UK's leading provider of drug knowledge bases and active clinical decision support.

Through the effective integration of our products into clinical systems, we enable safer prescribing, dispensing and administration.

NHS Connecting for Health has chosen First DataBank Europe to provide drug-related clinical decision support.

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Once a record has been added to Multilex DDF, although the product may cease to be available, the record remains on the database.

## Clinical and Commercial Data

Multilex DDF contains information on product availability and prescribability such as:

- equivalent products
- pack sizes
- manufacturers' trade prices
- flavours (where appropriate)
- Drug Tariff information for England and Wales, Scotland and Northern Ireland
- sugar free (oral liquid medicines)
- CHM 'black triangle products'
- active ingredients
- therapeutic class
- route of administration
- licensed uses
- patient counselling advice
- labelling information
- legal classification.

## Links to Clinical Terminologies

Multilex DDF is linked to a wide range of clinical terminologies and coding systems including Read 2, Clinical Terms Version 3, the NHS Dictionary of Medicines and Devices (dm+d) and the Systemised Nomenclature of Medicine Clinical Terms (SNOMED CT).

NHS Connecting for Health has set SNOMED CT to be the UK standard for the recording of medical conditions and allergies, and dm+d for the consistent identification of medicines and medical devices. FDBE is proud to have been one of the first clinical decision support providers to integrate these standard terminologies into our drug knowledge base.

## Links to Reference Sources and Product Codes

Multilex DDF provides links to Patient Information Leaflets and TICTAC product images. In addition, Multilex DDF links to a range of product codes including EAN, wholesaler codes and the Drug Tariff Order Number. Our monthly Bulletin also provides details of products added to and discontinued on Multilex DDF each month.

## Labelling Assistance

Multilex DDF is also used to provide a labelling facility during the dispensing process. This incorporates statutory labels, cautionary and advisory labels, patient counselling advice, additional warnings and patient advisory messages. Statutory warnings can be automatically incorporated on the label or used as a prompt to the pharmacist to give patient specific counselling and advice.

## Support for Endorsing and Reimbursement

Integrated into the pharmacy system, the Endorsing and Reimbursement Toolkit translates the complex regional Drug Tariff endorsing rules and provides an estimate of reimbursement for community pharmacists.

It has significant business benefits due to the reduction of manual endorsing and the provision of a wide range of forecasting and management information.

The toolkit:

- Checks to determine whether a product can, according to local Drug Tariff rules, be legally prescribed on the NHS
- Generates a relevant prescription endorsement if required, according to local Drug Tariff rules
- Determines the correct quantity that should be dispensed when the prescribed product is packaged in a special container, sealed pack, or calendar pack
- Calculates the expected reimbursement value of all prescriptions from the relevant pricing authority
- Satisfies the independent needs and local Drug Tariff and endorsing requirements of England and Wales, Scotland and Northern Ireland.