



GlobeMed

PHARMACY BENEFITS MANAGEMENT



GlobeMed's Pharmacy Benefits Management (PBM) program offers all the necessary support tools to smoothly manage your prescription benefit and better serve your members, while controlling your drug-related costs.

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PBM FEATURES

GlobeMed PBM combines a state-of-the-art pre-authorization & adjudication platform with advanced clinical programs to control costs for both acute and chronic prescriptions.

GlobeMed PBM helps stakeholders manage and analyze costs & utilization in prescription benefits programs. We provide clinical and financial management tools that help insurers & physicians select clinically-appropriate & cost effective medications that improve the quality of care provided to the patient & contain costs and expenses related to prescription claims. GlobeMed PBM can be integrated with medical claims TPA services, or offered as a standalone program.

SYSTEM & PROCESS



PRODUCT CONFIGURATION

GlobeMed's PBM solution gives you the flexibility to design your own pharmacy benefits plans, and offers the versatility to accommodate any combination of benefits, conditions, and restrictions to optimize the financial performance of your plans; these include limitations, co-payments, coinsurance, waiting period, restricted network, etc.



MEMBERS' ADMINISTRATION

GlobeMed's policy management application offers two options to administer member data.

Integration Option - Under this option, the member & benefits data is hosted on your system & is retrieved in real-time through an online integration with the GlobeMed application.

Hosted Option - Under this option the member and benefits data is hosted on the GlobeMed system. Policy administration is managed directly through the GlobeMed application allowing you to:

- Add/delete members
- Modify member information
- Modify member benefits
- Suspend member access
- Access member information/medical file (subject to user authority level)
- Access to predefined claims, production and performance reports
- Manage renewals and new applications
- Calculate premium/refunds for added/deleted members In either approach, data can be transferred between GlobeMed system & your system using several integration methods.



NETWORK MANAGEMENT

GlobeMed's network application allows you to manage all technical aspects of your healthcare provider including medication price lists and contractual obligations.

Furthermore, you can manage your pharmacies' profiles including addresses, contact numbers, and working hours. Finally, the application allows you to create and customize your healthcare provider networks.



E-PRESCRIBING

Hard-to-read prescriptions can delay prescription dispensing, cause significant harm to your members and increase costs of care for your plan. GlobeMed's e-prescribing system moves conventional written prescriptions - also a modality for fraud and abuse - into electronic prescriptions that are pre-processed and stored for pharmacies to dispense.

These e-prescriptions are reviewed in real-time for drug interactions, incompatibilities, errors and abuse, with messaging back to the prescribing physician.

Consequently potential drug-related problems are prevented before drug reaches the patient, hence directly enhancing the quality of patient care.



E-DISPENSING

Prescriptions, whether electronic or handwritten, are submitted by GlobeMed's network pharmacies for adjudication in real time before dispensing, using GlobeMed's proprietary web-based portal.

Pharmacies can verify member eligibility, check for replies on requested approvals, and process pharmacy transactions online, ensuring a quick and efficient service to your insured members.



ADJUDICATION / EXPERT SYSTEM / DECISION SUPPORT SYSTEM

GlobeMed's proprietary prescription claim processing system combines benefit plan adjudication with advanced clinical tools to enable comprehensive management of your drug benefit plans. It is built on a state-of-the-art data warehouse and analytics platform, allowing GlobeMed and its clients to gain new insights into spending and utilization of prescription medicines.

Supported by:



ARC, our advanced Expert System checks new and refill prescriptions against over 1,500 clinical rules and edits to identify potential drug-related problems. ARC is based on well renowned databases and dictionaries including a clinical index with more than 3,000 ingredients, automated clinical support for indications and contraindications, generic substitution capabilities, and alerts for therapy duplication, medication overuse, and various forms of drug interactions.

GlobeMed's Expert System is included in both the E-Prescribing & E-Dispensing modules, supporting physicians and pharmacists. GlobeMed's pharmacy portal and prescription claims adjudication platform also provides the functionality needed for benefit application which includes eligibility checks, formulary and drug list inclusions and exclusions.

ARC, GlobeMed advanced expert system detects the below:

Drug Interaction - Incompatibility with other medications the patient is already taking which may lead to negative side effects

For example: if a patient is prescribed clarithromycin and simvastatin simultaneously, this combination can cause rhabdomyolysis, a condition causing the breakdown of damaged skeletal muscle. Consequently, the system will alert the pharmacist about this interaction and apply the related decision.

Contra-indication - Incompatibility with a medical condition already identified in the patient's medical records, thus worsening the member's existing medical condition

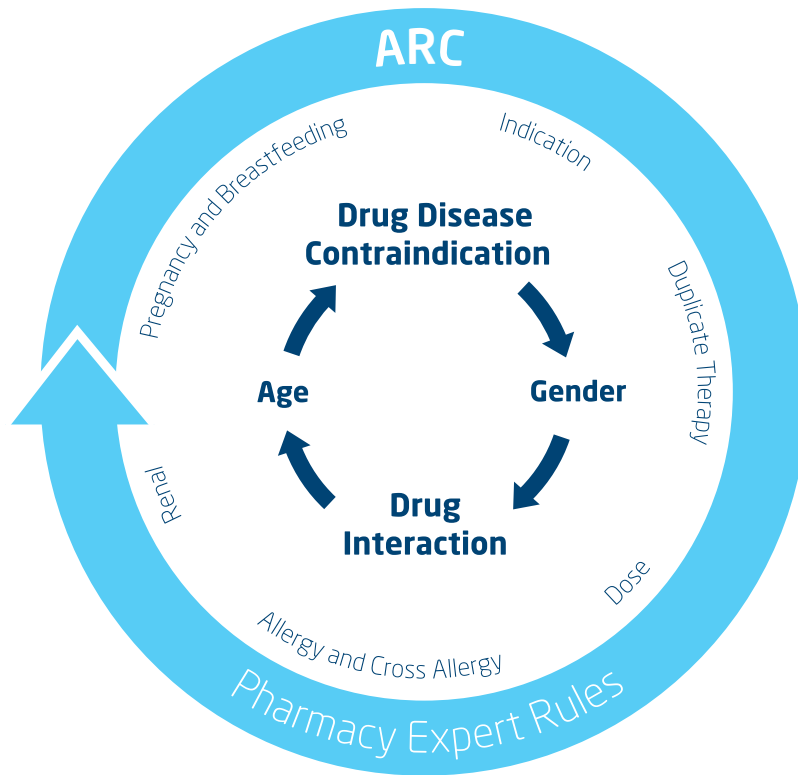
For example: if a patient, suffering from hepatitis B, is prescribed acetaminophen, the system will reject dispensing acetaminophen as it severely affects the patient condition.

Indication - Compatibility of the medication(s) prescribed with medical condition identified in the patient

For example: if a patient is prescribed the antibiotic amoxicillin to treat a migraine, the system alerts the pharmacist that the medication, although not harmful, does not actually treat the migraine condition.

Drug Doubling - Medication already being taken by the patient, either under the same brand name, or under another having identical composition

For example: if a patient is taking similar drugs with different commercial names (generic and brand names), the system detects this duplication and applies the related decision.



Duplication of Therapy - Medication is of the same therapeutic family as another that is already taken by the patient

For example: if a patient is taking two drugs with the same indication such as two anti-nausea drug compositions (Domperidone and metoclopramide), the system will trigger a duplication alert as the two drugs are prescribed within the same duration of treatment for the same patient.

Pregnancy & Breastfeeding Alert - Medication is not recommended for pregnant or breastfeeding women in case the patient is a female of childbearing age

For example: if a pregnant woman is prescribed a teratogenic drug i.e. a drug with an agent that can disturb the development of the embryo or fetus, the system will reject dispensing the drug for the patient.

Allergy & Cross Allergy Alert - Medication can cause an allergic or cross allergic reaction because of a known allergy identified in the patient's medical records

For example: if a patient has an allergy to penicillin and he/she is prescribed a medication, such as amoxicillin, from the penicillin family, the system will alert the provider about the risk of delivering the drug to the patient.

Hepatic & Renal Alert - Certain medications are excreted via renal and/or hepatic route. The renal/hepatic alert brings to the attention of the healthcare provider that the medication prescribed may require dosage adjustment

For example: if a patient suffers from renal or hepatic impairment and he/she is prescribed Bisoprolol (anti-hypertensive drug), the system will alert the pharmacist that the drug cannot be dispensed for the patient.

Dosage Adequacy - Dosage exceeds the usual daily dosage range

For example, if an adult patient is prescribed acetaminophen 500mg (2 tabs) and the pharmacist, by mistake, entered 3 tabs every 6 hours instead of 2, the system will alert the pharmacist that the dosage exceeds the maximum toxic level and to reconsider the posology or to double check the written posology prescribed by the doctor.

Age compatibility - Incompatibility with the patient's age

For example, if a child below 12 years old is prescribed codeine syrup (narcotic-like pain reliever and cough suppressant), the system will reject the medication as it is not compatible with the age of the patient.

Gender compatibility - Incompatibility with the patient's gender

For example, if a male patient is prescribed Miconazol (antifungal) vaginal ovule, the system will reject the medication as the drug is not compatible with the gender of the patient.



DIRECT ELECTRONIC SETTLEMENT

After proper arrangements with local bank(s) have been established, the GlobeMed PBM system may, as soon as a claim is approved, instantly trigger an electronic bank transfer from your account to the pharmacy's account. Whether it serves local compliance requirements, or enables additional discount incentives, the direct electronic settlement feature takes fast-track settlement to pharmacies to the next level.



DRUG UTILIZATION REVIEW TOOL & REPORTING

GlobeMed offers several market-leading solutions to provide information and knowledge to our clients, not just data. These include a variety of reports to help you monitor and follow up every step of the process: paid and outstanding pharmacy invoices, savings generated on incurred pharmacy claims, and many other detailed reports that support critical program monitoring. We also offer web-based portals through which you can view cost and utilization information.

Our PBM team can also produce ad hoc reports using sophisticated analytic tools that can drill down into specific claims, providers, physicians and other program elements. GlobeMed's PBM team also uses our analytic tools to complete drug utilization reviews (DURs) and drug usage evaluations (DUEs) to explore patterns of drug use for specific diseases and conditions. Based on their findings, coverage changes and educational programs (for physicians and patients) can be implemented.

PROGRAMS



GENERIC SUBSTITUTION

The various lists of medications, set in place for the different programs served, reflect the coverage policy concerning specific pharmaceutical ingredients, establish correspondences between branded and generic medications, and manage the allowed quantities for each product in the respective list of medications.



HIGH COST DRUGS MANAGEMENT

GlobeMed believes that certain high-cost and high-risk medications should be evaluated before coverage is approved in order to limit their use to patients who truly need them. Our clinically-based prior authorization programs help physicians to determine medical necessity and ensure all lab tests and follow-up care are provided.



CHRONIC MEDICATION MANAGEMENT

Chronic medications, those used for more than three months, require special management. Many patients receiving chronic medications do not take them correctly, which can lead to treatment failures.

Combining certain chronic medicines can lead to significant side effects that could cause harm to your members. And, physicians may choose expensive therapies when less-costly alternatives could result in the same outcome. With this in mind, GlobeMed conceived and implemented its chronic medication management program that reviews and pre-approves all requests for chronic therapies.

Prescriptions are then posted as monthly electronic prescriptions available to be dispensed at a GlobeMed network pharmacy selected by the patient. Patients also receive SMS messages when prescriptions are ready and due to be filled, enhancing adherence to therapy.



ADHERENCE & PERSISTENCY MANAGEMENT

People receiving chronic medications often do not take them as prescribed (poor adherence) or for the full duration of treatment (poor persistency).

GlobeMed proactively communicates with patients on chronic treatments via SMS and mobile app notifications to remind them to refill prescriptions, and can even remind them to take their daily doses every day.

GlobeMed also uses its powerful analytic tools to identify patients who are late in refilling prescriptions, and can send targeted messages to them and their physicians to promote proper use of medication.

PEOPLE & TRAINING

GlobeMed PBM team consists of experienced clinical pharmacists with a comprehensive healthcare management background.

The clinical pharmacists undergo regular trainings and certifications to stay up-to-date in the healthcare management and more specifically in pharmacy benefit management.

GlobeMed also provides clients with access to manuals, a know-how transfer and a certification tool ensuring improved quality of work and consistent outcomes related to PBM functions. Manuals are continuously reviewed and updated.



ABOUT GLOBEMED GROUP

GlobeMed Group provides services and solutions for the management of healthcare benefits.

With over **29 years of experience**, the company was among the first to introduce web-enabled solutions. It has **franchisees in 12 countries**, servicing **over 220 clients** with **28 million insured members*** benefitting from access to our automated cross-border network of healthcare providers. At GlobeMed our stakeholders can focus on what they do best and leave the rest to us.

For further information, visit www.globemedgroup.com

**Including servicing the private sector & the Saudi nationals under the Ministry of Health in the private healthcare sector*



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