

Drug Utilization Review (DUR) Cheat Sheet

by [deleted] via cheatography.com/2754/cs/7363/

Introduction: Drug Utilization Review (DUR)

DUR is an authorized and structured ongoing review of practitioner rescribing, pharmacist dispensing and patient use of medications. The purpose of DUR is to ensure drugs are used appropriately, safely and effectively to improve patient health status. Predetermined criteria for appropriate drug therapy are compared against a patient's or a population's records. Non-adherence to criteria results in drug therapy changes. In addition, continual improvement in the appropriate, safe and effective use of drugs has the potential to lower, the overall cost of care.

DUR allows the pharmacist to document and evaluate the benefit of pharmacy intervention in improving therapeutic and economic outcomes while demonstrating the overall value of the pharmacist.

Note: Ask the nursing home for a copy of the patient/resident's periodic Drug Utilization Review. This task performed usually by the pharmacy consultant.

Concurrent DUR:

Concurrent review is performed during the course of treatment and involves the ongoing monitoring of drug therapy to foster positive patient outcomes. It presents pharmacists with the opportunity to alert prescribers to potential problems and intervene in areas such as drug-to-drug interactions, duplicate therapy, over or underutilization and excessive or insufficient dosing. This type of review allows therapy for a patient to be altered if necessary.

As electronic prescribing becomes more widely adopted, the concurrent DUR process may be performed by the prescriber at the time of prescription transmission to the pharmacy, allowing interventions before the drug is dispensed. An important component of DUR will require complete and current drug and allergy records for the patient, as well as knowledge of appropriate therapeutic interchanges for individuals. As a safety net, pharmacists will perform a similar role as prescribers on the dispensing side of these transactions. Issues Commonly Addressed by Concurrent DUR:

- Drug-disease interactions
- Drug-drug interactions
- Drug dosage modifications
- Drug-patient precautions (age, gender, pregnancy, etc.)
- Over and underutilization
- Therapeutic Interchange

AMR Drug Review



Prospective DUR:

Prospective review involves evaluating a patient's planned drug therapy before a medication is dispensed. This process allows the pharmacist to identify nd resolve problems before the patient has received the medication. Pharmacists routinely perform prospective reviews in their daily practice by assessing a prescription medications dosage and directions while reviewing patient information for possible drug interactions or duplicate therapy. When part of an online claims adjudication process, prospective DUR often relies on computerized algorithms to perform key checks including drug interactions, duplications or contraindications with the patient's disease state or condition.

Retrospective DUR:

A retrospective DUR reviews drug therapy after the patient has received the medication. A retrospective review aims to detect patterns in prescribing, dispensing or administering drugs. Based on current patterns of medication use, prospective standards and target interventions can be developed to prevent recurrence of inappropriate medication use or abuse. Outcomes of this review may aid prescribers in improving the care of their patients, either individually or within a certain target population (e.g., patients with diabetes, asthma, or high blood pressure). **Issues Commonly Addressed by**

Retrospective DUR

- Appropriate generic use
- Clinical abuse/misuse
- Drug-disease contraindications
- Drug-drug interactions
- Inappropriate duration of treatment
- ■Incorrect drug dosage
- ■Use of formulary medications whenever appropriate
- Over and underutilization
- ■Therapeutic appropriateness and/or duplication

Note: Usually used for revising policies and procedures.



By [deleted] cheatography.com/deleted-2754/ Published 28th February, 2016. Last updated 13th May, 2016. Page 1 of 1. Sponsored by **CrosswordCheats.com** Learn to solve cryptic crosswords! http://crosswordcheats.com