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# WHODrug Standardised Drug Groupings

Improving patient safety worldwide



– Building a global safety culture

## WHODrug Standardised Drug Groupings

- Introduces ready-to-use Medications of Interest lists
- Facilitates class effect analysis for safety studies
- Helps create protocol violation drug lists
- Enables identification of possible drug-drug interactions



Uppsala Monitoring Centre (UMC) is an independent non-profit foundation and centre for international service and scientific research. Our vision is a world where all patients and health professionals make wise therapeutic decisions in their use of medicines. Our mission is to support and promote patient safety through effective global pharmacovigilance practice.



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## Powerful Medications of Interest lists

**WHODrug Standardised Drug Groupings (WHODrug SDGs)**, developed and maintained by Uppsala Monitoring Centre (UMC), provide information on how drugs interact with study substances, hide or distort measurements and endpoint evaluations of clinical studies, or cause adverse effects.

Investigators create inclusion/exclusion drug lists as part of the study protocol to monitor medication taken by patients during a trial. Creating and maintaining these lists is time consuming and there is also a risk that relevant new drugs will be missed with an update. To harmonise the use of these lists, UMC has assumed responsibility to keep them updated and assure their quality. These regularly revised lists thus ensure up-to-date information that saves users' time and contributes to patient safety.

WHODrug Global subscribers find many uses for **WHODrug SDGs**. In drug safety surveillance, for example, users can code and analyse concomitant medications as well as identify possible drug-drug interactions. They thereby gain a deeper knowledge of the concomitant medication taken by the participants, which is a very important factor for increasing efficiency in clinical studies.

## Prioritised by the user community

**WHODrug SDGs** are classifications of drugs, listed into sub-groups according to either their pharmacological effect or metabolic pathway. SDGs are prioritised by the user community, developed by UMC's scientists and WHODrug expert users, and peer-reviewed by counterparts in related fields. To make **WHODrug SDGs** as transparent as possible, each contains a definition, a description of what it contains, and how it has been compiled.

### WHODrug Standardised Drug Groupings 2017

1. Analgesia producing opioids	24. Drugs interacting with CYP2C19
2. Antiangiogenic drugs	25. Drugs interacting with CYP2C8
3. Antiarrhythmics	26. Drugs interacting with CYP2C9
4. Antidepressants	27. Drugs interacting with CYP2D6
5. Antiemetics and antinauseants	28. Drugs interacting with CYP2E1
6. Antihemorrhagic drugs	29. Drugs interacting with CYP3A
7. Antihistamines	30. Drugs interacting with OATP
8. Antihypertensives	31. Drugs interacting with P-glycoprotein (P-gp)
9. Antithrombotic drugs	32. Drugs interacting with UGT
10. Benzodiazepines	33. Drugs used in diabetes
11. Blood and related drugs	34. Drugs used in pain therapies
12. Corticosteroids	35. Essential fatty acids
13. Disease-modifying antirheumatic drugs (DMARDs)	36. Hormone replacement therapy
14. Diuretics	37. Immunomodulators
15. Drugs acting on gonadotropin-releasing hormone (GnRH) receptors	38. Monoclonal antibodies
16. Drugs acting on NMDA receptors	39. Nonsteroidal anti-inflammatory drugs (NSAIDs)
17. Drugs for gastric acid related disorders	40. Phosphodiesterase (PDE) inhibitors
18. Drugs for obstructive airway diseases	41. Psychoanaleptics
19. Drugs for ulcerative colitis	42. Radiopharmaceuticals
20. Drugs interacting with BCRP	43. Statins
21. Drugs interacting with CYP1A2	44. Systemic anti-infectives
22. Drugs interacting with CYP2A6	45. Vaccines
23. Drugs interacting with CYP2B6	

# WHODrug Standardised Drug Groupings

## New lists constantly under development

UMC first made SDGs available in 2010 and since then has expanded and updated the lists on a quarterly basis. By March 2017, 45 SDG lists will be available.

### Ask for more information

For more information please visit:

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