

Concurrent Use Of NSAID, RAS Drug, and Diuretic

I4C Indicator MED-OTH-003: Concurrent Use Of NSAID, RAS Drug, and Diuretic v 2.0

Category: Medication Medication/Other

Purpose:

This indicator is used to identify patients currently prescribed a Non-steroidal anti-inflammatory drug (NSAID) along with a Renin-angiotensin system blocking drug (RAS) and/or a diuretic.

Source:

Based on UK National Health Service Safety Indicators Specification published in 2019.

Base Population:

All patients with an Active demographic status recorded in the EMR who have a current NSAID prescription.

Indicator Segments:

Current NSAID with current RAS antagonist and current diuretic: Count of patients WITH at least one current NSAID prescription AND WITH at least one current ARB or ACE Inhibitor prescription AND at least one current diuretic prescription.

Current NSAID with current RAS antagonist and without current diuretic: Count of patients WITH at least one current NSAID prescription AND WITH at least one current ARB or ACE Inhibitor prescription AND WITHOUT any current diuretic prescription.

Current NSAID without current RAS antagonist and with current diuretic: Count of patients WITH at least one current NSAID prescription AND WITH at least one current diuretic prescription AND WITHOUT any current ARB or ACE Inhibitor prescription.

Current NSAID without current RAS antagonist and without current diuretic: Count of patients WITH at least one current NSAID prescription AND WITHOUT any current ARB or ACE Inhibitor prescription AND WITHOUT any current diuretic prescription.

Current NSAID prescription is any of the following medications (identified as brand or generic name) that is a current (not discontinued) medication:

'benzydamine'	'bromfenac'	'diclofenac'	'flurbiprofen'
'ibuprofen'	'nepafenac'	'naproxen'	'ketorolac'

Current ARB prescription is any of the following medications (identified as brand or generic name) that is a current (not discontinued) medication:

'Azilsartan medoxomil'	'Candesartan'	'Eprosartan'	'Irbesartan'
'Losartan'	'Olmesartan'	'Telmisartan'	'Valsartan'

Current ACE Inhibitor prescription is any of the following medications (identified as brand or generic name) that is a current (not discontinued) medication:

'Benazepril'	'Captopril'	'Cilazapril'	'Enalapril'
'Fosinopril'	'Lisinopril'	'Perindopril'	'Quinapril'
'Ramipril'	'Trandolapril'		

Current diuretic prescription is any of the following medications (identified as brand or generic name) that is a current (not discontinued) medication:

'acetazolamide'	'brinzolamide'	'dorzolamide'	'methazolamide'
'bumetanide'	'etacrynic acid'	'furosemide'	'torsemide'
'amiloride'	'triamterene'	'Hydrochlorothiazide'	'Methyclothiazide'
'Bendroflumethiazide'	'Benzthiazide'	'Cyclothiazide'	'Hydroflumethiazide'
'Chlorothiazide'	'Trichlormethiazide'	'Diazoxide'	'Polythiazide'

Suggested Indicator Use:

Physician or Practice use of this indicator is to identify or monitor patients prescribed an NSAID along with an RAS antagonist and/or a diuretic.