

infections e.g. otitis media and sinusitis, lower respiratory tract infections e.g. bronchopneumonia and urinary tract infections).
No clinical data are available on doses above 45/6.4 mg/kg/day in children under 2 years.
There are no clinical data for MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) to make dosage recommendations for children under 2 months old. For Children aged 2 months to under 2 years, other alternative product with different strength may be used. The table below give dosage guidance for children.

Children over 2 years

25/3.6 mg/kg/day	2 - 6 years (13 - 21 kg)	5.0 ml MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) twice daily.
	7 - 12 years (22 - 40 kg)	10.0 ml MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) twice daily.
45/6.4 mg/kg/day	2 - 6 years (13 - 21 kg)	10.0 ml MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) twice daily.

Renal Impairment

No adjustment in dose is required in patients with creatinine clearance greater than 30 mL/min. MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml)are not recommended in patients with a creatinine clearance of less than 30 mL/min.

Hepatic Impairment

Dose with caution; monitor hepatic function at regular intervals. There are insufficient data on which to base a dosage recommendation.

MODE OF ADMINISTRATION

Oral

CONTRAINDICATIONS

- in patients with a history of hypersensitivity to beta-lactams, e.g. penicillins and cephalosporins.
- in patients with a previous history of amoxicillin/clavulanic acid associated jaundice/hepatic dysfunction.

WARNINGS AND PRECAUTIONS

Serious and occasionally fatal hypersensitivity reactions (including anaphylactoid and severe cutaneous adverse reactions) have been reported in patients receiving therapy with beta-lactams. Before initiating therapy with MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml), careful inquiry should be made concerning previous hypersensitivity reactions to penicillins, cephalosporins, carbapenems or other beta-lactam agents. If an allergic reaction occurs, MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) must be discontinued immediately and appropriate alternative therapy instituted.

These reactions are more likely to occur in individuals with a history of penicillin hypersensitivity (see Contraindications). Hypersensitivity reactions can also progress to Kounis syndrome, a serious allergic reaction that can result in myocardial infarction.

Presenting symptoms of such reactions can include chest pain occurring in association with an allergic reaction to MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) (see Adverse Reactions).

Serious anaphylactic reactions require immediate emergency treatment with adrenaline. Oxygen, intravenous (i.v.) steroids and airway management (including intubation) may also be required.

MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) should be avoided if infectious mononucleosis is suspected since the occurrence of a morbilliform rash has been associated with this condition following the use of amoxicillin.

Prolonged use may also occasionally result in overgrowth of non-susceptible organisms.

Pseudomembranous colitis has been reported with the use of antibiotics and may range in severity from mild to life-threatening. Therefore, it is important to consider its diagnosis in patients who develop diarrhoea during or after antibiotic use. If prolonged or significant diarrhoea occurs or the patient experiences abdominal cramps, treatment should be discontinued immediately, and the patient investigated further.

Abnormal prolongation of prothrombin time (increased INR) has been reported rarely in patients receiving Amoxicillin and Clavulanic Acid and oral anticoagulants. Appropriate monitoring should be undertaken when anticoagulants are prescribed concurrently. Adjustments in the dose of oral anticoagulants may be necessary to maintain the desired level of anticoagulation.

Changes in liver function tests have been observed in some patients receiving Amoxicillin and Clavulanic Acid. The clinical significance of these changes is uncertain but MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) should be used with caution in patients with evidence of hepatic dysfunction.

Cholestatic jaundice, which may be severe, but is usually reversible, has been reported rarely. Signs and symptoms may not become apparent for up to six weeks after treatment has ceased.

In patients with renal impairment MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) are not recommended.

In patients with reduced urine output, crystalluria has been observed very rarely, predominantly with parenteral therapy. During the administration of high doses of amoxicillin, it is advisable to maintain adequate fluid intake and urinary output in order to reduce the possibility of amoxicillin crystalluria (see Overdose).

MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) contains 2.5 mg of aspartame (E951) per ml, a source of phenylalanine. This medicine should be used with caution in patients with phenylketonurics. Warning – Unsuitable for phenyl ketonurics.

Not to be used in patients with known hypersensitivity to Penicillin.

EFFECTS ON ABILITY TO DRIVE AND USE MACHINES

Adverse effects on the ability to drive or operate machinery have not been observed.

ADVERSE REACTIONS

Data from large clinical trials were used to determine the frequency of very common to rare undesirable effects. The frequencies assigned to all other undesirable effects (i.e., those occurring at <1/10,000) were mainly determined using post-marketing data and refer to a reporting rate rather than a true frequency.

The following convention has been used for the classification of frequency:

very common ≥1/10
common ≥1/100 to <1/10
uncommon ≥1/1000 to <1/100
rare ≥1/10,000 to <1/1000
very rare <1/10,000.

Infections and infestations

Common Mucocutaneous candidiasis

Blood and lymphatic system disorders

Rare Reversible leucopenia (including neutropenia) and thrombocytopenia
Very rare Reversible agranulocytosis and haemolytic anaemia. Prolongation of bleeding time and prothrombin time

Immune system disorders

Very rare Angioneurotic oedema, anaphylaxis, serum sickness-like syndrome, hypersensitivity vasculitis

Nervous system disorders

Uncommon Dizziness, headache
Very rare Reversible hyperactivity, aseptic meningitis, convulsions. Convulsions may occur in patients with impaired renal function or in those receiving high doses.

Cardiac disorders

Very rare Kounis syndrome (see Warnings and Precautions).

Gastrointestinal disorders

Adults

Very common Diarrhoea
Common Nausea, vomiting

Children

Common Diarrhoea, nausea, vomiting

All populations

Nausea is more often associated with higher oral dosages. If gastrointestinal reactions are evident, they may be reduced by taking MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) at the start of a meal.

Uncommon Indigestion
Very rare Antibiotic-associated colitis (including pseudomembranous colitis and haemorrhagic colitis – see Warnings and Precautions)
Black hairy tongue
Superficial tooth discolouration has been reported very rarely in children. Good oral hygiene may help to prevent tooth discolouration as it can usually be removed by brushing.

Hepatobiliary disorders

Uncommon A moderate rise in AST and/or ALT has been noted in patients treated with beta-lactam class antibiotics, but the significance of these findings is unknown.

Very Rare Hepatitis and cholestatic jaundice. These events have been noted with other penicillins and cephalosporins.

Hepatic events have been reported predominantly in males and elderly patients and may be associated with prolonged treatment. These events have been very rarely reported in children.

Signs and symptoms usually occur during or shortly after treatment but in some cases may not become apparent until several weeks after treatment has ceased. These are usually reversible. Hepatic events may be severe and in extremely rare circumstances, deaths have been reported. These have almost always occurred in patients with serious underlying disease or taking concomitant medications known to have the potential for hepatic effects.

Skin and subcutaneous tissue disorders

Uncommon Skin rash, pruritus, urticaria
Rare Erythema multiforme
Very rare Stevens-Johnson syndrome, toxic epidermal necrolysis, bullous exfoliative-dermatitis, acute generalised exanthemous pustulosis (AGEP), and drug reaction with eosinophilia and systemic symptoms (DRESS)

If any hypersensitivity dermatitis reaction occurs, treatment should be discontinued.

Renal and urinary disorders

Very rare Interstitial nephritis, crystalluria (see Overdose)

DRUG INTERACTIONS

Concomitant use of probenecid is not recommended. Probenecid decreases the renal tubular secretion of amoxicillin. Concomitant use with MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) may result in increased and prolonged blood levels of amoxicillin but not of clavulanic acid. Concomitant use of allopurinol during treatment with amoxicillin can increase the likelihood of allergic skin reactions. There are no data on the concomitant use of MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) and allopurinol.

In common with other antibiotics, MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) may affect the gut flora, leading to lower oestrogen reabsorption and reduced efficacy of combined oral contraceptives.

In the literature there are rare cases of increased international normalised ratio in patients maintained on acenocoumarol or warfarin and prescribed a course of amoxicillin. If co-administration is necessary, the prothrombin time or international normalised ratio should be carefully monitored with the addition or withdrawal of MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml)

In patients receiving mycophenolate mofetil, reduction in pre-dose concentration of the active metabolite mycophenolic acid of approximately 50% has been reported following commencement of oral amoxicillin plus clavulanic acid. The change in pre-dose level may not accurately represent changes in overall MPA exposure.

USE IN SPECIAL POPULATION

Pregnancy

Reproduction studies in animals (mice and rats at doses up to 10 times the human dose) with orally and parenterally administered Amoxicillin and Clavulanic Acid have shown no teratogenic effects. In a single study in women with pre-term, premature rupture of the foetal membrane (pPROM), it was reported that prophylactic treatment with Amoxicillin and Clavulanic Acid may be associated with an increased risk of necrotising enterocolitis in neonates. As with all medicines, use should be avoided in pregnancy, unless considered essential by the physician.

Lactation

Amoxicillin and Clavulanic Acid may be administered during the period of lactation. With the exception of the risk of sensitisation, associated with the excretion of trace quantities in breast milk, there are no known detrimental effects for the breast-fed infant.

OVERDOSAGE

Gastrointestinal symptoms and disturbance of the fluid and electrolyte balances may be evident. Gastrointestinal symptoms may be treated symptomatically with attention to the water electrolyte balance.

Amoxicillin crystalluria, in some cases leading to renal failure, has been observed (see Warnings and Precautions).

MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml) can be removed from the circulation by haemodialysis.

STORAGE

The dry powder should be stored in unopened containers in a dry place at below 30°C. Reconstituted suspension should be stored in a refrigerator (2-8°C) but do not freeze and should be used within 7 days.

PRESENTATION

MYCLAV (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml)

A clear glass 125 ml bottle without circular ring mark. The dilution mark for 70 ml oral suspension is shown on the label affixed to the bottle. This glass bottle & a leaflet is packed in a carton.

Instructions for Use

Tap bottle gently until all the powder flows freely. Add water up to 70 ml dilution mark which is shown on the label affixed to the Bottle. Replace the cap and shake the bottle until all the powder is suspended. Add more water until the level of the fill lines is attained and shake again. When first reconstituted, allow to stand for 5 minutes to ensure full dispersion.

Myclav (Amoxicillin and Clavulanic acid Powder for Oral Suspension USP 228.5mg/5ml):

MAL No. MAL24086015AZ

PRODUCT REGISTRATION HOLDER

HEALOL PHARMACEUTICALS SDN BHD

74-3, Jalan Wangsa Delima 6,
KLSC Wangsa Maju,
53300 Kuala Lumpur,
Malaysia.

Manufactured in India by:



UNICHEM
LABORATORIES LTD.

Village Bhatauli Kalan, Baddi, Dist. Solan (H.P.) - 173 205.

13006970

Date of Package insert revision:
January, 2025

Company Name : UNICHEM LABORATORIES LTD.		Date: 17/01/2025
Agency Name: UNICORN CREATION		Open Size: 300 x 240 mm (Open)
Product: Myclav POS 228.5mg/5ml Leaflet		Pre-folded size : 37.5 x 60 mm (L x W)
Item Code: 13006970	Location: Baddi I	Market: Malaysia (The text is market specific)
Specification: 40 gsm Bible Paper (Front Back Printing)		Pharmacode : 6183
Colour Code: Text in Black		
Reason: Prescribing leaflet artwork for 156.25 mg, Malaysia developed based on the word text file received vide e-mail dt. 24.12.2018 for 156.25 from our RA. 10.01.19, Brand name Generic name text & Heading of preservative, modified as per changes received from Healol through mail from RA. 25.01.2019 : Modifications to be done as per customer's requirement based on inputs received vide email dt. 25.01.2019 from our RA. 29.01.2019 : 'Serous and occasionally.....therapy instituted' retained in the text under Warnings & Precautions- Reference : Email dt. 28.01.2019 from our RA. 19.06.19, text modified under headings DOSAGE AND ADMINISTRATION & WARNINGS AND PRECAUTIONS To the right of existing text ,add 24.07.2019 : Modifications done to develop a combined leaflet of 156.25 & 228.5 strengths, Ref. : Email dt. 23.07.2019 from Regulatory. 01.08.2019 : Modification done as per the review file comment shared on 01.08.2019 by RA. 02.08.19 Text modified as per comment received from Healol RA. 16.05.2023 Correction made as per input received from Healol Malaysia. 06.06.2023 Correction made it inline with Innovator PI as per NPRA Malaysia. 07.06.2023 – Correction made as per requirement of Medical Dept. 13.06.2023 – Correction made as per requirement of NPRA Malaysia. 16.06.2023 – Correction made as per requirement of NPRA Malaysia. 16.06.2023 – PI revised as per Malaysian innovator pack. 19.12.2023- correction updated as per RA comment & Size changed from 240 x 180 mm to 300 x 240 mm. 06.02.2024 - Correction updated as per RA mail. 08.02.2024 - Correction updated as per RA mail 08/02/2024. 05.04.2024 - Correction updated as per RA mail 04/04/2024. 21.05.2024 - Correction updated as per RA mail dated 17/05/2024 and 20/05/2024. 13.01.2025 - MAL No. & Pharmacode Added.		