

# Irigon<sup>®</sup>

(Glycine Irrigation Solution 1.5% W/V)

## Presentation

Irigon (glycine irrigation solution) BP is a sterile, non-pyrogenic, non-electrolyte and hypotonic aqueous solution of glycine intended for urologic irrigation during transurethral and bladder surgery procedures. Each 100 ml contains 1.5 gram of glycine in water for irrigation purpose only.

## Description

Irigon (glycine irrigation solution) contains glycine which is an amino acid and a non-electrolyte. It is therefore non-conductive and suitable for irrigation purpose. Irigon minimizes the risk of intravascular haemolysis which can occur from absorption of plain water. Irigon is rapidly degraded in the liver by glycine oxidase.

## Indications

Irigon is indicated as irrigating fluid of choice in:

- Transurethral resection of prostate.
- Endoscopic procedures within the urinary tract.
- Urinary bladder surgery etc.

## Dosage and Administration

The total volume of solution used for irrigation depends on the judgment of the attending surgeon. Height from the operating table of 60 cm (approx. 2ft) is likely to cause increased intravascular absorption of glycine.

## Adverse Effects

Large intravenous doses of glycine are known to cause nausea and salivation. Other consequences of systemic absorption of glycine include electrolyte loss, diuresis, edaema, thirst, dehydration, cardiovascular and pulmonary disorders.

## Drug Interactions

Additives may be incompatible. When introducing additives, use aseptic technique, mix thoroughly and do not store.

## Contraindications

Irigon is not for injection in any route. It is contraindicated in patients with anuria.

## Precautions

Patients with cardiovascular disease should be evaluated after transurethral resection of prostate using glycine. Care should be exercised if the liver or kidney is impaired.

## Warning

Aseptic technique is essential while using glycine. Unused portion should be discarded. Do not use if the bottle is leaking, solution is cloudy, contains particles or after expiry date.

## Pharmaceutical Precautions

Store at controlled room temperature, protect from light and heat.

## Packaging

Irigon is available in 1000 ml polyethylene bottle containing 1.5% w/v of glycine.



Manufactured by

**BEXIMCO PHARMACEUTICALS LTD.**

TONGI, BANGLADESH

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