

**CONRA**

**INTRAHEPATIC MEGLUMINE INJECTION U.S.P. 43%**

**NOT FOR INTRAVENOUS USE**

CONRA 43 is a sterile aqueous solution intended for use as a diagnostic aid in the assessment of liver function. It is a complex of meglumine and iodine, which is 1-355-1(1-methyl)-2-iodo-5-sulfamoyl-2,4-dinitro-N-

mercaptoethanesulfonate (sdde) and has the following formula.

Each milliliter contains 430 mg of iodohexol meglumine, 0.110 mg adaline sodium as a stabilizer and a 0.55 mg of monosodium glutamate as a buffer. The solution provides 220 (220 mg/kg) organically bound iodine. Conra 43 has an osmolality of approximately 850 mOsm/kg, an osmolality of approximately 1000 mg/l and is, therefore, hypotonic under conditions of use. The pH of the solution is approximately 2.5 at 20°C and 0.7 at 37°C. The pH is 6.6-7.6.

**CLINICAL PHARMACOLOGY**

**INTRAHEPATIC PROCEDURES**

Following intrahepatic injection, CONRA 43 is rapidly cleared from the circulation and excreted in the urine. This clearance is most likely due to the formation of complex meglumine and unionized iodine. The preparation is free from preservatives.

CONRA 43 is a sterile aqueous solution containing 43% meglumine and 43% iodine. The preparation is free from preservatives. It is available for use in two sizes - 1000 ml and 2000 ml.

**INDICATIONS AND USAGE**

The most important characteristic of Mehlumine is its iodine content. This is a very important characteristic, since the meglumine concentration in the medium is less than 1%.

CONRA 43 may be used for radiographic enhancement of the liver, kidney, bladder, and other organs. It is also used for the detection of lesions in the liver, kidney, bladder, and other organs.

**ADVERSE REACTIONS**

**SEROUS**

The most common adverse reactions are nausea, vomiting, and diarrhea. Other adverse reactions include headache, dizziness, and flushing. These effects are usually self-limiting and resolve on their own.

**HEMATOLOGIC**

CONRA 43 contains no hematologic agents, and therefore, there are no known hematologic adverse effects.

**INFECTION**

The most common adverse reactions are nol or mild infections, such as respiratory tract infections, otitis media, and pharyngitis. These infections are usually self-limiting and resolve on their own.

**OUTSIDE THE THERAPEUTIC USE**

**CONTRAINDICATIONS**

CONRA 43 should not be used in patients with a known hypersensitivity to the drug or its components.

**WARNINGS**

**SEVERE ADVERSE EVENTS − INADVERTENT INTRAVENOUS ADMINISTRATION**

Inadvertent intravenous administration of meglumine iodine preparations has been reported due to the risk of serious adverse events. In the event of inadvertent intravenous administration of iodinated contrast media that are not adequately diluted, severe reactions may occur, including, but not limited to: immediate reactions such as anaphylaxis, cardiovascular collapse, respiratory failure, and aspiration pneumonia. In cases of iatrogenic deaths due to inadvertent administration of iodinated contrast media that are not adequately diluted, severe reactions may occur, including, but not limited to: immediate reactions such as anaphylaxis, cardiovascular collapse, respiratory failure, and aspiration pneumonia. In cases of iatrogenic deaths due to inadvertent administration of iodinated contrast media that are not adequately diluted, severe reactions may occur, including, but not limited to: immediate reactions such as anaphylaxis, cardiovascular collapse, respiratory failure, and aspiration pneumonia.

**REDOX REACTIONS**

In the event of inadvertent intravenous administration of iodinated contrast media that are not adequately diluted, severe reactions may occur, including, but not limited to: immediate reactions such as anaphylaxis, cardiovascular collapse, respiratory failure, and aspiration pneumonia. In cases of iatrogenic deaths due to inadvertent administration of iodinated contrast media that are not adequately diluted, severe reactions may occur, including, but not limited to: immediate reactions such as anaphylaxis, cardiovascular collapse, respiratory failure, and aspiration pneumonia. In cases of iatrogenic deaths due to inadvertent administration of iodinated contrast media that are not adequately diluted, severe reactions may occur, including, but not limited to: immediate reactions such as anaphylaxis, cardiovascular collapse, respiratory failure, and aspiration pneumonia. In cases of iatrogenic deaths due to inadvertent administration of iodinated contrast media that are not adequately diluted, severe reactions may occur, including, but not limited to: immediate reactions such as anaphylaxis, cardiovascular collapse, respiratory failure, and aspiration pneumonia.

**PRECAUTIONS**

**General**

Diagnostic procedures which involve the use of iodinated intravenous contrast media should be carried out under the direction of personnel skilled and experienced in the technique of contrast procedures. At procedures utilizing contrast media carry a definite risk of producing adverse reactions, and care should be taken to avoid situations which may cause the patient need medical attention. Infusions and injections should be made slowly (10 to 30 ml per minute). The risk of adverse reactions, including anaphylaxis, is increased with any rapid injection or injection rate. Injections should be made at a slow rate (10 to 30 ml per minute). The risk of adverse reactions, including anaphylaxis, is increased with any rapid injection or injection rate. Injections should be made at a slow rate (10 to 30 ml per minute).

**ADVERSE REACTIONS**

**INTRAHEPATIC PROCEDURES**

Adverse reactions to injectable contrast media fall into two categories - chemical reactions and immune reactions.

**Chemical reactions**

Chemical reactions result from the physical-chemical properties of the contrast media. These reactions may include: immediate hypersensitivity reactions, such as urticaria, angioedema, and anaphylaxis; or delayed reactions, such as pseudomembranous colitis, nephrotic syndrome, and renal failure.

**Immune reactions**

Immune reactions result from the immune system's response to the foreign substance. These reactions may include: immediate hypersensitivity reactions, such as anaphylaxis, angioedema, and urticaria; or delayed reactions, such as delayed-type hypersensitivity reactions, such as delayed-type hypersensitivity reactions, such as delayed-type hypersensitivity reactions, such as delayed-type hypersensitivity reactions, such as delayed-type hypersensitivity reactions.
CONTRAINDICATIONS TO BODY COMPUTED TOMOGRAPHY

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