SAFOL®

ACTION

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Proposed is a short-acting general anaesthetic agent with a rapid onset of action, approximately 30 seconds. Recovery from anaesthedia usually rapid. The mechanism of action, like all general anaesthetics, is open, or manesthetical usually rapid. The mechanism of action, like all general naesthetics, is open, or manesthetics, is open, and sight changes in heart rate are observed when Satid is administered for induction and maintenance of anaesthesia. However, the harmonytamic parameters or namely remain relatively stable during maintenance and the incidence of untoward harmonytamic changes is low. Although ventilately depression can occur and the incidence of the control of the c patients with an elevated baseline intracranial pressure. Recovery from anaesthesia is usually rapid and patients will an elevated baseline intracranal pressure. Recovery from anaesthesia is usuity rapid and clear headed with an elevated baseline state of the second sta Pharmacokinetic Properties

Pharmacokhettle Proportions
The decides in production for following a shalle does or following the termination of an intellect. The decides in production commitment of the production of the pr

es of Safol. INDICATIONS

Induction and maintenance of general anaesthesia.
 Sedation of ventilated adult patients receiving intensive care

Conscious sedation for surgical and diagnostic procedu
 DOSAGE AND ADMINISTRATION

DOSAGE AND ADMINISTRATION
Supplementary analgesic agents are generally required in addition to Safot.
Supplementary analgesic agents are generally required in addition to Safot.
Safot has been used in association with spinal and epidural anaesthesis and with commonly used premedicants, neuromuscular blocking drugs, inhalation agents and analgesic agents; no pharmacological incorrepatibility has been encountered. Lower doses of Safot imay be required where neral anaesthesia is used as an adjunct to regional anaesthetic techniques

uction Of General Anaesthesia

Induction Of General Anaesthesia Safol may be used for induce anaesthesia by slow bolus injection or infusion. In unpremedicated and premedicated patients, it is recommended that Safol about be tritated (approximately 40 mg every 10 seconds in an every leasthy) and by below injection or infusion against the response of the patient seconds in an every leasthy and by below injection or infusion against the response of the patient likely by require 1.5 to 2.5 m/ghg of Safol. The lotal dose required can be reduced by lower rates of administration (26 or James). Over this cap, the requirement will generally be less. In plantists of AS Grades 3 and 4, lower rates of administration should be used (approximately 20 mg every 10 seconds). Maintenance Of General Anaesthesia.

Maintenance Of General Anaestriesia
Anaesthesia can be maintained by administering Safol either by continuous infusion or by repeat bolus
injections to maintain the depth of anaesthesia required.

The required rate of administration varies considerably between patients but rates in the region of 4 to 12 mg/kg/h usually maintain satisfactory anaesthesia. Repeat Bolus Injections:

region to must supplication and the balls injections is used, increments of 25 mg to 50 mg may be given according to elimited need.

Sedation During Intensive Care

Nether used to provide addition for verificated adult patients undergoing intensive care, it is recommended that Salds be given by continuous intuision. The intuision rate should be adjusted exception for the continuous intuision. The intuision rate should be adjusted exception for the development of unitates in the region of 0.3 to 4.0 mg/sh should achieve excepting to the depth of sedation required but rates in the region of 0.3 to 4.0 mg/sh should achieve excepting to the depth of sedation required but rates in the region of 0.3 to 4.0 mg/sh should achieve excepting to the depth of sedation required but rates in the region of 0.3 to 4.0 mg/sh should achieve excepting to the depth of sedation required but rates in the region of 0.3 to 4.0 mg/sh should achieve excepting to the depth of the sedation required but rates in the region of 0.3 to 4.0 mg/sh should achieve excepting the depth of the sedation required but rates in the region of 0.3 to 4.0 mg/sh should achieve excepting the depth of the sedation required but rates in the region of 0.3 to 4.0 mg/sh should achieve excepting the sedation required but the single properties of the sedation required but the single properties of 0.0 mg/should be 0.0 mg/should be of 0.0 mg/should be 0.0 m

Conscious Sedation For Surgical And Diagnostic Procedures
To provide sedation for surgical and diagnostic procedures rates of administration should be
individualised and titrated to clinical response.

Most patients will require 0.5 to 1 mg/kg over 1 to 5 minutes to initiate sedation. Maintenance of sedation may be accomplished by titrating Safol infusion to the desired level of sedation-most patients will require 1.5 to 4.5 mg/kg/h. In addition to the infusion, bolus administration of 10 to 20 mg may be used if a rapid increase in the depth of sedation is required. In patients in ASA grades 3 and 4 the rate of administration

and dosage may need to be reduced.

B. Elderly Safol should be titrated against the response of the patient. Patients over the age of 55 years may require lower doses of Safol for induction of anaesthesia and for conscious sedation for surgical and diagnostic procedures.

Induction Of General Anaesthesia

Satol is not recommended for use in children less than 3 years of age.
When used to induce anaesthesia in children, it is recommended that Satol be given slowly until the
clinical signs show the onset of anaesthesia. The does should be adjusted for age and/or weight. Most patients over 8 years of age are likely to require approximately 2.5 mg/kg of Safol for inductic anaesthesia. Under this age the requirement may be more. Lower dosage is recommended to d ASA grades 3 and 4.

of ASA grades 3 and 4.
Maintenance Of Teenral Ansesthesia
Safet is not recommended for use in children less than 3 years of age. Ansesthesia can be maintained
by administering Safet by infusion or repeat bolus injection to maintain the depth of ansesthesia
required. The required rate of administration varies considerably between patients but rates in the region
of 9 to 15 m/gbq/m usually achieve safetationy ansesthesia.
Conscious Sedation For Surgicial And Diagnostic Procedures
Safet Saf

Sedation During Intensive Care
Safol is not recommended for sedation in children as safety and efficacy have not been d

Although no causal relationship has been established, serious adverse events (including fatalities) have been observed from spontaneous reports of unificensed use and these events seen most other children with respiratory tract infections given doses in excess of those recommended for adults. most often in

D. Administration

Satiol can be used for infusion undifacted from plastic syringes or glass infusion bottles. When Safol is undistrated from instance and the second plastic syringes or glass infusion bottles, when Safol is undistrated from instances and the second plastic syringe pumps or variable thin halos margas should always be used to control inflation males. For instances the second plastic syringes pumps or variable thin the second plastic syringes pumps or gradually second plastic syringes between the second plastic syringes between the second plastic syringes between the second plastic syringes and second plastic syringes between the second plastic syringes and second plastic syringes such as second plastic syringes and second planting syringes are second planting syringes and syringes and syringes are second planting syringes and syringes and syringes are second syringes and syringes are second syringes and syringes are syringes are syringes and syringes are syringes and s

0.18% Intravenous infusion. Solid may be premised with alfentani injection containing 500 micrograms/ml altentani in the ratio of 20:1 to 50:1 v/s. Mixtures should be prepared using sterile technique and used within 6 hours of preparation. To returbe pain on infall implexion, Solid used for fixtures may be measured by injection in a plantic syntage in the ratio of 30 parts Solid with up to one part of either 0.5% or 1% Lupocaline highed memorability prior to administration.

LADMINISTRATION OF SAFOL WITH OTHER DRUGS OR INCUSION OF THE

Co- Administration Technique	Additive or Diluent	Preparation	Precautions
Pre-mixing	Dextrose 5% Intravenous Infusion	Mix 1 part of Safol with up to 4 parts of Deutrose 5% Intravenous Infusion In office PIC influsion bags of glass Infusion bottles. When diuded in PIC bags, it is recommended that the bags, it is recommended that the bag should be full and that the didution be prepared by withdrawing a volume of infusion fluid and replacing it with an equal volume of Safol.	Prepare aseptically immediately before administration. The mixture is stable for up to 6 hours.
	Lignocaine Hydrochloride Injection. (0.5% or 1% without preservatives.	Mix 20 parts of Safet with up to 1 part of either 0.5% or 1% Lignocaine Hydrochloride injection	Prepare mixture aseptically immediately prior to administration. use for induction only.
	Alfentanil injection (500 microgram/ml)	Mix Safol with alfentanil injection a ratio of 20:1 to 50:1 v/v.	Prepare mixture aseptically, use within 6 hours of preparation.
Co- administration via a Y-piece connector	Dextrose 5% Intravenous Infusion	Co-administer via a Y-piece connector.	Place the Y-piece connector close to the injection site.
	Sodium Chloride 0.9% Intravenous Infusion	As above	As above
	Dextrose 4%, with Sodium Chloride 0.18% Intravenous Infusion.	As above	

CONTRAINDICATIONS ol is o

tra-indicated in patients with a known allergy to Propofol . WARNINGS

Safol should be given by those trained in anaesthesia (or, where appropriate, doctors trained in the care of patients in Intensive Care). Patients should be constantly monitored and facilities for maintenance of a patent airway, artificial ventilation, oxygen enrichment and other resuscitative facilities should be readily available at all times. Safel should not be administered by the person conducting the diagnostic or surgical procedure. When Safel is administered for conscious sedation for surgical and diagnostic procedures, patients should be continually monitored for early signs of hypotension, airway obsended signs of hypotension, airway obsended prior to bickharge of the patient to ensure that recovery after general anaesthesia. Very rarely the use of Safol may be associated with the n, airway obstruct full recovery after general ansasthesia. Very rarely the use of Satio may be associated with the development of a period of prote-portative unconsciousness, which may be accordated with rule development of a period of prote-portative unconsciousness, which may be accordant of the is apontaneous, appropriate care of an unconscious patient should be administered. As with other intravenous anaestheric agents, custom should be applied in patients with cradics, respiratory, renal or hepatic impairment or in hyporoleamic or debilitation patients. Safel tasks vagolytic activity and has been associated with improve of bradgeristic locusationally proteory and also supplied. The intravenous consistency, especially in situations where vagal from is likely to predominate or when Safel is used in consistency, especially in situations where vagal from is likely to predominate or when Safel is used in conjunction with other agents likely to cause a bradgeratific when Safel is administrated to an epiglegic patient, there may be a risk of convulsion. Appropriate care should be applied in patients with desorters if it recommended that blood fold letters should be applied in patients with desorters.

It is recommended that blood lipid levels should be monitored if Safol is administered to patients tho to be at particular risk of fat overload. Administration of Safol should be adjusted appropriately if the monitoring indicates that fat is being inadequately cleared from the body. If the patient receiving other monitoring indicates that fal is being madequately cleaned from the body. If the patient receiving other intervenous light concurrently a reduction in quantity should be made in order to lade account of the LEDTA is a chelator of metal family. The concurrency is a concurrency of the concurrency of the EDTA is a chelator of metal family, including zinc. The need for supplemental zinc should be considered under protogoned administration of Stall or particularly in patients who are predisposed to zinc declarency, such those with turns, districtions and/or major sepais. Pregnancy, Sald should not be used in concerning the Celestrics. Sald or cross the placents and may be associated with encounted depression. It should not be used for robistric anacethesis, Licatain: Saldey to the necessate following the use of Sald in mothers who are treated referrely has not been established.

PRIOR contains on artificioscial preservatives and supports growth of micro-enginisms. When Salot is to be apartited, it must be down anospically into a strine syringer opining set immediately after opening the amposide or breaking the visit seal. Administration must commence without delay, Asepsis must be maintained for both Salot and mustices organized throughout the must be present and a string and a minimistered var a minimister set of the string and a minimister set of the string and a str patient. In accordance with established guidelines for other lipid emulsions, a single infusion of Safol must not exceed 12 hours. At the end of the procedure or at 12 hours, whichever is the sooner, both the reservoir of Salol and the infusion line must be discarded and replaced as appropriate. Effects On Ability To Drive And Use Machines: Patients should be advised that performance at skilled tasks, such as driving and operating machinery, may be impaired for some time after general anac Interactions

interactions

Satol has been used in association with spinal and epictural anaesthesia and with commonly used premedicants neuromuscular blocking drugs, inhalational agents and analgesic agents; no pharmacological incompatibility has been encountered. Lower doses of Satol may be required where general anaesthesia is used as an adjunct to regional anaesthetic techniques. INCOMPATIBILITIES

INCOMPATIBLE ITES
Sated Should not be mixed prior to administration with injections or infusion fluids other than 5%
Dextrose in PVC bags or glass infusion, bettles or Lignocaine Injection or affentanti injection in plastic
syringes. The neuronuscular blocking agents, arracurium and mivacurium should not be given through
the same i.v. line as Safol without prior flushing.

SIDE EFFECTS

SIDE EFFCTS
General: Induction of anaesthesia is generally smooth with minimal evidence of excitation. During induction of anaesthesia, hypotension and transient apnea may occur depending on the dose and use of premedicants and other agents. Cocasionally, hypotension may require use of intravenous fluids and reduction of the rate of administration of Safot during the period of anaesthetic maintenance. Detection of the rate of administration of safe of unity and perfect or an extractive maintenance. During the recovery phase, nause, worntling and headache, occur in only a small proportion of patients. There have been very rare reports of rhabdomyolysis when Safol has been administered at doses greater than 4 mg/kg/hr for ICU sedation. Epileptiform movements, including convulsions and opisthotonus, have been reported rarely during induction, maintenance and recovery.

opishborous, have been reported rarely during induction, maintenance and recovery. Parely, clinical leafuse of analystacks, which may include angioedema, bro-choopsam, erythema and hypotension, occur following Salari administration. Pulmonary oderam has been closerved. There have discloseration of users are supported to the properties of the properties of the properties of the discloseration of users has been reported following prolorings and interitation of Salari Local: The local pan, which may occur during the induction phase can be minimized by the use of the larger verse of the forearm and antecidated locals. With Salari bolar plane can she be minimized by the co-administration of specialism. Thrombools and phelotic are now. Accidental clinical extravasation and animal studies show OVERDOSAGE. Service in induced the clinical control include call storage effects.

Accidental overdosage is likely to cause cardiorespiratory depression. Respiratory depression should be treated by artificial ventilation with oxygen. Cardiovascular depression may require lowering of the patient's head and, if severe, use of plasma expanders and pressor agents. PRESENTATIONS

SAFOL 1% Injection 20 ml : SAFOL 1% Injection 50 ml :

10 mg of Propofol / 1 ml 10 mg of Propofol / 1 ml

Manufactured by: DONGKOOK PHARM. CO., LTD. Korea HIKMA Pharmaceuticals, Amman-Jordan

THIS IS A MEDICAMENT
t which affects your health, and its consumption contrary A medicament is a product which a A findediament is all product writer seeks your resent, we are set seeks proportion for settenders led supprocurs. Self-light the method of use and the instructions of the pharmacist who sold the medicament.

The declar and his pharmacist are experts in medicine, its benefits and risks.

On oil by yourself interrupt the period of freathment prescribed for you.

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Keep medicament out of the reach of children 2INSAF-AE-02/2006