

REMIFENTANIL MEDIS 1 mg – REMIFENTANIL MEDIS 5 mg

Powder for solution for injection or infusion Remifentanil Hydrochloride

Read all of this leaflet carefully before you start using this medicine.

Keep this leaflet. You may need to read it again.

If you have any further questions, ask your destor or pharmacist.

This medicine has been prescribed for you. Do not pass it on to others. It may harm them, even if their symptoms are the same than you fire his effective gives remove, or if you notice may sale effects not listed in this leaflet, please tell your doctor or pharm

this leaflet:
What Remifentanii MEDIS 1 mg – 5 mg is and what it is used for
What you should know before you have Remifentanii MEDIS 1 mg – 5 mg
How to use Remifentanii MEDIS 1 mg – 5 mg

4. Possible side effects
5. How to store Remifentanil MEDIS 1 mg – 5 mg
6. Further information

6. Further information

1. WHAT REMIFENTANIL MEDIS 1 MG-5 MG IS AND WHAT IT IS USED FOR

Remifentant is an anesthetic used for induction and or maintenance of general anesthesia under close supervision

**The instance of the induction of the in

2. WHAT YOU SHOULD KNOW BEFORE YOU HAVE REMIFENTANIL MEDIS I mg – 5 mg You should not be given REMIFENTANIL. MEDIS I mg – 5 mg You should not be given REMIFENTANIL. MEDIS I. mg – 5 mg in the following cases: 1 you are allerjoe to the active substance, or Fenning devirutes or any of the other ingredients. - Administration epidurally or intrathecally, because it contains glycine. - Use as a single treatment during induction of anesthesia. - Use during the work period before delivery. - Use during the work period before delivery.

- Use during caesarean section.
 - This medicine SHOULD NOT BE USED GENERALLY, unless otherwise directed by your doctor during pregnancy.
 - Take special care with REMIERTANII.MEDIS I mg. - 5 mg:
 - Sug:
 - This dury will be administered only by specially trained persons to the use of anesthetics and drugs in facilities entirely equipped for the

the data will be within additional control of the property of the use of anesthetics and drugs in facilities entirely equipped for onlineing and support of respiratory and cardiovascular functions.

perfusion technique will be used specifically to prevent inadvertent administration, particularly at the end of anesthesia. Ventilated patients, the use of this drugs is not recommended for periods longer than 3 days. with all powerful opioids, the administration of this product is accompanied by respiratory depression requires a proper management, including a 50% reduction in the infusion rate or tempor remove will cause that you have fully regained consciousness and recovered a satisfactory respiration before letting you leave the recovered.

Your doctor will ensure that you have fully regained consciousness and recovered a satisfactory respiration before letting you leave the recovery room.

All recommended doses, muscle rigidity may occur. As with other opioids, the incidence of muscle rigidity depends on the dose and rate of administration. This is why intravenous slow in bolus form should not be performed in less than 30 seconds. Modalities of care depend on the daministration. This is why intravenous slow in bolus form should not be performed in less than 30 seconds. Modalities of care depend on the Similarly, in case of a decrease in Blood pressure or heart rate, a specific treatment will be performed.

Find duration of action of Remittential its very short the residual analgesize activity does not persist more than 5 to 10 minutes after stopping the administration. During surgery known painful awakening or during use in Intensive Care Unit, analgesics should be administrated prior discontinuation of the influsion of Remittential Sittlicent time must be respected for the long-term analgesic actions are effective. These analgesics should be chosen depending on the type of surgery and the level of postoperative monitoring.

During a sudden stop of the administration of Remittential and particularly after prolonged administration of more than 3 days, symptoms such as tachycardia (rapid hearthead). hypertension (increased blood pressure) or agitation may occur infrequently.

Percautions

Before you receive Remifentanii tell your doctor if you:

- Are altergic to any drugs that have been used in a previous transaction;

- Heart problems: solw or irregular heartheat, low blood pressure:

- Severe hepatic impairment.

- Pregnant or Newstreding.

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Severe lepathe impairment;

Pregnant or breastleeding.

Esting other medicines

Please tell your doctor or pharmacist if you are taking, or have recently taken, any other medicines, including medicines you can get without **case teil your doctor or pharmacist if you are taking, or have recently taken, any other medicines, in a prescription.

Pregnancy and breast-feeding

Pregnancy and breast-feeding to the pregnant or besastfeeding.

Remiferantal should not be given to gregatat or breastfeeding women.

It is recommended that you stop breast-feeding for 24 hours after Remiferantal has been given to you. Ask your doctor or pharmacist for advice before taking any medicine.

Sports

The attention of athletes is drawn to the feed of the pregnant or breast or the pregnant or breast or the pregnant or breastfeeding to the pregnant or breastfeed

ention of athletes is drawn to the fact that this drug contains an active ingredient that can cause a positive reaction to tests performed

during doping controls.

Driving and using machines

After anesthesia with this drug, you should not drive or operate machinery until your doctor has decided the time of resumption of these activities. It is prudent that you are accompanied when you return home and don't consuming any alcoholic beverage

3. HOW TO USE REMIFENTANIL MEDIS 1 mg – 5 mg? Remifenanii MEDIS must only be given under carefully controlled conditions and emergency equipment has to be available. Remifentanii Medis will be given by or under the supervision of an experienced doctor who is familiar with the use and action of the type of medicine. It will always be given to you by a person who is qualified to do so, as well as in the diagnosis and management of expected adverse effects of quioloids powerful, including reprintary and cardiac resuscitation. The dosage should be adjusted according to your operation and effects obtained the commenced dosages are:

Administration

Indication	IV Injection	Continuous infusion (micrograms / kg / min)	
Indication	(bolus) (micrograms/kg)	Starting Rate	Range
Induction of anesthesia	1 (injected over 30 seconds)	0,5 to 1	-
Maintenance of anesthesia in ventilated patients :			
- Nitrous Oxide (66 %)	0,5 to 1	0,40	0,10 to 2
- Isoflurane (Starting dose: 0,5 MAC)	0,5 to 1	0,25	0,05 to 2
- Propofol (satrting dose: 100 micrograms/kg/min)	0,5 to 1	0,25	0,05 to 2

minute.

**Administration mode *TC1- (Intra Venous Anaesthesia at Target Concentration):
- Induction and maintenance of anesthesia in ventilated patients.
- Induction and maintenance of anesthesia in ventilated patients in Remittenant MEDIS 1 mg - 1 mg absolud be used in combination with a hypnotic agent inhaled or intravenous ventilated adult patients. In Remittenant MEDIS 1 mg - 1 mg should be used in combination with a hypnotic agent inhaled or intravenous ventilated adult patients. In plasma concentrations from March to August hanograms/ ml.

The dose of Remittenant MEDIS 1 mg - 5 mg should be adapted (titration) depending on your response. Some particularly painful surgical procedures may require target blood concentrations up to 15 managrams / ml.

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The dose of Remittenant MEDIS 1 mg - 5 mg mode «TCI» for anesthesia in extractions.

sonanceally breathing patients.

- Recommendations for confinuing/stopping during the immediate post-operative:

- Recommendations for post-operative anglesis about the Reminderinal intesson (REDIS 1 mg - 5 mg is not sopped or when the target concentration is reduced, you must restore spontaneous respiration at concentrations of Reminderinal calculated from 12 in nanograms / ml. As in the case of manual initiation, the post-partitive analysis should be started before the end of surgety with analysis long duration of actions.

- The recommendation on the surgety of Reminderinal MEDIS 1 mg - 5 mg mode *TCIs* for the control of post-operative analysis and partition of the surgety of Reminderinal MEDIS 1 mg - 5 mg mode *TCIs* for the control of post-operative analysis.

Anesthetic agents associated (*)	IV Injection (bolus)	CONTINUOUS INFUSION (microgram per per minute)	
associated (*)	(micrograms/kg)	satrting rate	Range
Halothane (starting dose 0,3 MAC)	1	0,25	0,05 to 1,3
Sevoflurane (starting dose 0,3 MAC)	1	0,25	0,05 to 0,9
Isoflurane (starting dose : 0,5 MAC)	1	0,25	0,06 to 0,9

(*)with concomitant administration of a mixture of nitrous oxide / oxygen in a ratio of 2/1.

- In neonates and infants less than 1 year, the available data are insufficient to recommend a posology,
- In the absence of data, the administration mode a TCIs is not recommended in children and neonates
GENERAL ANAESTHESIA FOR CARDIAC SURGERY ANESTHESIE

	INJECTION IV (bolus)	CONTINUOUS PERFUSION (microgram/kg/min)	
Associated Indication (*)	(microgram/kg)	satrting rate	Range
Intubation	not recommended	1	-
Maintenance of anesthesia: - Isoflurane (starting dose: 0.4 MAC) - Propofol (starting dose: 50 microgram / kg / min)	0,5 to 1 0,5 to 1	1	0,003 to 4 0,01 to 4,3
continuation of oostoperative analgesia prior to extubation	not recommended	1	0 to 1

*Administration in mode cTCIsInduction and maintenance of anesthesia in ventilated patients:
RRMIPENTANIL MEDIS I mg -5 mg should be used in combination with a hypnotic agent inhaled or intravenous ventilated adult patients.
In association with these agents, adequate analyzeia for induction of anesthesia and surgery can usually be obtained with Remifentanil target
plasmic concentrations higher than those used in acts of general surgery.

The plasmic concentration is light than those used in acts of general surgery to a surgery of the plant of

- The cuse on Kennii assession and clinical studies with titration according to individual patient response.

There are insufficient data to make recommendations on the use of REMIFENTANII, MEDIS 1 mg - 5 mg mode «TCI» for anesthesia in spontaneously breating patients.

"Recommendations for continuing / stopping during the immediate post-operative:

Mode «TCI» for the end of surgery, when REMIFENTANII, MEDIS 1 mg - 5 mg is stopped or when the target concentration is reduced you must restore spontaneous respiration at concentrations of remindant calculated from 1 2 m amorptants / ml. As in the case of manual infusion, There are insufficient data to make recommendations on the use of Remiferational MEDIS 1 mg - 5 mg mode «TCI» for the control of postoperative analgesis.

USE IN INTENSIVE CARE UNITS

Continuous infusion (microgram / kg / h)		
starting rate	Range	
0,1 (6) to 0,15 (9)	0,006 (0,38) to 0,74 (44,6)	

The administration of REMIFENTANIL MEDIS 1 mg – 5 mg bolus is not recommended for patients in Intensive Care Unit. In the absence of data, the administration mode «TCF is not recommended in patients in Intensive Care Unit.

When REMIFENTANIL MEDIS 1 mg – 5 mg is administered with other sedative agents, the use of REMIFENTANIL MEDIS 1 mg – 5 mg reduce doses of these agents.

The usual initial dose of sedative agents is given below:

sedative agents	Bolus (mg/kg)	infusion (mg/kg/h)
Propofol	To 0,5	0,5
Midazolam	To 0,03	0,03

Sedative agents are to be administered separately so that their assay is possible.

For ventilated patients undergoing painful stimuli, increased infusion rate of REMIFENTANIL MEDIS 1 mg – 5 mg may be nee
provide additional analogsic cover.

Patients in Intensive Care Unit, the safety and efficacy of Remifentanil have been established in clinical trials for treatment durati
to 3-2 mc. The contract of the contra

product an automate among a second of the safety and efficacy of Remifentanii have been established in clinical trials for treatment ourations or up to 3 days.

- If you are over 65, the recommended starting dosage in adults should be reduced by half, and adapted to your needs. Mode "TCl" initial target concentration should be 1.5 to 4 nanograms /ml. and tailored to your needs. Mode "TCl" initial target concentration should be 1.5 to 4 nanograms /ml. and tailored to your needs.

- For patients ASA class III /V, it is recommended to reduce the dose and subsequently adapt the flow until the desired effect.

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- For patients ASA class III /V, it is recommended to the theoretical fleath vegits, mode "TCl" to avoid under dosing, the dosage should be carefully studied to the individual response.

- For patients with renal impairment, it is not necessary to adjust the dosage.

- For patients with renal impairment equires special monitoring.

- Method of administration:

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- This necellaction will be administered intravenously either by slow bolus (administered over at least 30 seconds) or by infusion.

Method of administration:

This medication will be administered intracenously either by slow bolus (administered over at least 30 seconds) or by infusion.

Continuous instinctions of Remitlentant should be administered using an infusion system at a controlled rate and through a pipe fast flow (fine caliber tubing) or tubing reserved for this drug. These pipes must be connected directly or adjacent to the venous caliber to minimize the caliber tubing) or tubing reserved for this drug. These pipes must be connected directly or adjacent to the venous caliber to minimize the Remitestant lea to administered by intravenous anesthesia with target concentration («TCI») using approved equipment including Minto pharmacokinetic model taking into account your age and your body weight.

Care must be taken to avoid these tubes are blocked or disconnected.

A sufficient amount of Remifentanti may be present in the dead space of the tubing or catheter to cause respiratory depression, apnea, and / or muscle rightly if the tubing is in nead with a solution or with other injectable drugs.

The constant of the dead of the drug is a pipe with a rapid rate through a pipe or reserved for this drug to be disconnected to stop Incompatibilities

This can be prevented by administering the drug m a pupe water and the properties of After reconstitution, remifentanii should not ne assummentation of the bediuted to concentrations ranging from 20 to 250 micrograms / ml (the recommended dilution is 50 micrograms / m micrograms / ml in children 1 year or more).

For infusion in e71C1, the recommended dilution of remifentanii is from 20 to 50 micrograms / ml.

Reconstitution and dilution of the solution of remifentanii can be performed with one of the following solutions:

This drug Is companies with a second or the following the following the following the second of REMIFENTANII. MEDIS 1 mg - 5 mg will be adjusted according to your operation and effects obtained during the second of the following the second of the second

anesthesia. If you use more REMIFENTANIL MEDIS 1 mg – 5 mg, than you should:
Due to the very short duration of action of reminentanti, the potential for delectrious effects due to overdose is limited to the immediate time
that the continuation of the medicinal product is rapid, with return to baseline
visible ten mining.

within ten minima.

In the cevent of overdone, or suspected overdone, take the following actions: discontinue administration of Remitinal, maintain a patent airway, initiate assisted or controlled ventilation with oxygen, and maintain adequate cardiovascular function. If depressed respiration is associated with muscle rigidity, a neuronuscular blocking agent may be required to facilitate assisted or controlled respiration. Intravenous fluids and vasopressor agents for the treatment of hypotension and other supportive measures may be employed. In the contraction of the contract

$\begin{array}{l} \textbf{4. POSSIBLE SIDE EFFECTS} \\ Like all drugs, REMIFENTANIL MEDIS~1~mg-5~mg can cause side effects, although not everybody gets them. \end{array}$

Muscle stiffnes
low blood pres

5. HOW TO STORE REMIFENTANIL MEDIS 1 mg = REMIFENTANIL MEDIS 5 mg ?

Keep out of the sight and reach of children

Keepout of the sight and reach of children.

REMIFENTANIL MEDIS 1 mg – 5 mg should not be used after the expiry date which is stated on the carton and label.

Before reconstitution:

Store at a temperature not exceeding 25 ° C
After reconstitution:

After reconstitution:

After reconstitution:

Store at a temperature not exceeding 25 ° C
After reconstitution;

It is a temperature not exceeding 25 ° C
After reconstitution;

It is a state of the state of the

Atter dulation:

Any mixture of the reconstituted solution , REMIFENTANIL MEDIS 1 mg - 5 mg with injectable liquids should be used immediately. Any remaining solution should be discarded.

Medicines should not be discarded.

Medicines should not be disposed of via wastewater or household waste. Ask your pharmacist how to dispose of medicines no longer required. These measures will help to protect the environment.

6. FURTHER INFORMATION a. What REMIFENTANIL MEDIS 1 mg – 5 mg contains:

Active substance :	REMIFENTANIL MEDIS 1 mg	REMIFENTANIL MEDIS 5 mg	
Remifentanil (hydrochloride form)	1 mg	5 mg	
Excipients:			
Glycine, sodium hydroxide, hydrochloric acid		q.s.	

REMIFENTANII. MEDIS 5 mg is a narcotic: prescription limited to 7 days

REMIFENTANII. MEDIS 5 mg vial of a Powder for solution for injection or infusion. Box of 05 vials.

c. MARKETING AUTHORISATION HOLDER AND MANUFACTURER

Marketing authorisation holder: Les Laboratoires MEDIS—route de Tunis Km 7 – BP206 – 8000 Nabeul.

Manufacturer: Les Laboratoires MEDIS—route de Tunis Km 7 – BP206 – 8000 Nabeul.

Manufacture: Les Laboratoires MEDIS – route de Tunis Km 7 – 1 Manufacture: Les Laboratoires MEDIS – route de Tunis Km 7 – 1 Manufacture: Les Laboratoires MEDIS – route de Tunis Km 7 – BP206 – 8000 Nai d. THE LAST DATE THIS LEAFLET WAS APPROVED (MONTH / YEAR):

- A drug is a product but it is different from the other products.

A drug is a product which acts on your health and its non appropriate consumption can expose you to danger.
 Rigorously respect your doctor's prescription and the mode of administration he prescribed. Follow your pharmacist's advices.
 Your doctor and your pharmacist know drugs, their indications and contra-indications.
 Do not stop on your own initiative the treatment during the prescribed period

LES LABORATOIRES MEDIS- S.A.
Route de Tunis - KM 7 - BP 206 - 8000 Nabeul - Tunisie
Tel : (216) 72 23 50 06 - Fax: (216) 72 23 51 06

- Do not stop on your own initiative the treatment during the presentation.

- Do not retake, do not increase doses without consulting your doctor.

KEEP ANY DRUG OUT OF THE REACH OF CHILDREN.

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