

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.

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Thy on have any frinter questions, ask your doctor 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 sst

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This medicine.

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 have the recovery room.

At 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 boils form should not be performed in less than 30 seconds. Modalities of care depend on the doministration in this is why intravenous slow in boils 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.

The duration of action of Remiticatinal is very short the residual analgesia entirying 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, analgesies should be administrated prior to discontinuation of the influsion of Remiticant unit finicent time must be respected for the long-term analgesies should be administrated prior to discontinuation of the influsion of Remiticant time and the level of postoperative monitoring.

Like other opioids, this drug can induce dependence.

During a sudden stop of the administration of Remiticantial 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.

Action of advence and / or unexpected during anesthesia;

- Are allegic to see Remiticantial leg loyur doctor if you:

- A history of advence and / or unexpected during anesthesia;

- Reapiratory problems (shortness of breath ...)

- Reapiratory problems (shortness of breath ...)

- Respiratory problems (shortness of breath

**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 prescription of best effecting.

Reinformatis blood of being price pregnant or best effecting women.

It is recommended that you stop breast-feeding for 24 hours after Remifentanil 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 formal price of the price

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 must only be given to update 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 opioids powerful, including respiratory and cardiac resuscitation.

Dosage
The dosage should be adjusted according to your operation and effects obtain As a guide, the recommended dosages are:
ADULTS

Indication	IV Injection	Continuous infusion (micrograms / kg / min)	
mucation	(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

minutes.

Administration mode «TCI» (Intra Venous Anaesthesia at Target Concentration):
- Induction and maintenance of anesthesia in ventilated patients:
- Induction and maintenance of anesthesia in ventilated patients:
- Remitenatual MEDIS I mg - 5 mg should be used in continuation with a hypnotic agent inhaled or intravenous ventilated adult patients. In Remitenatual California on California and State of the California of anesthesia and surgery can usually be obtained with Remitenanti target plasma concentrations from March to August hanograms / ml.

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

The dose of Remitenatual MEDIS in mg - 5 mg mode «TCI» for anesthesia in excentence with begains in entirents.

some up to massimum usas to make recommendations on the use of Remitentianil MEDIS 1 mg - 5 mg mode «TCI» for anesthesia in spontaneously breathing patients.

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

Mode «TCI» the end of surgery, when the Remifentianil infusion MEDIS 1 mg - 5 mg is stopped or when the target concentration is reduced, you must restore spontaneous respiration at concentrations of Remifentianil calculated from 12 in nanograms / ml. As in the case of manual initisoin, the postoperative analgesis abould be started before the end of surgery with analgesis canged duration of action. There are insufficient data to make recommendations on the use of Remifentianil MEDIS 1 mg - 5 mg mode «TCI» for the control of postoperative analgesis and the started properties are also as the case of manual initiation, the postoperative analgesis and the started properties are also as the case of manual prop

Anesthetic agents	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 conates and infants less than 1 year, the available data are insufficient to recommend a posology.

In the absence of data, the administration mode «TCI» is not recommended if GENERAL ANAESTHESIA FOR CARDIAC SURGERY ANESTHESIE [®] Administration by perfusion in manuel mode.

	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 postoperative analgesia prior to extubation	not recommended	1	0 to 1

*Administration in mode «TCI»
- Induction and maintenance of anesthesia in ventilated patients:
RRMIFENTANIL MEDDS 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 analyzing for induction of anesthesia and surgery can usually be obtained with Remifentanil target plasmic concentrations higher than those used in a sets of general surgery.

Plasmic concentrations higher than those used in a set of general surgery can usually be obtained with Remifentanil target plasmic concentrations higher than those used in a set of general surgery can be a set of the plant of the pla

- The case of REMITER/IA.W. MELIST ing. 3 - mg disolates assigned intrained) adepthing on your response, smoot concentrations up to 20 - There are insufficient data to make recommendations on the use of REMIFER/IANIL MEDIS 1 mg - 5 mg mode «TCI» for nearthesis in spontaneously breathing patients.

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

Mode «TCI» at the end of surgery, when REMIFER/IANIL MEDIS 1 mg - 5 mg stopped or when the target concentration is reduced, you must restore openioness regarding an concentrations of remindating classified from 1.2 m amorganus? Intl. As in the case of manual distinsion, the results of the control of post-operative and instructions are considered in the control of post-operative and pages. The control of post-operative and pages are the control of post-operative and pages.

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 necelication 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 contraction 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 ware and the properties of 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 of 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 medicand product is rapid, with return to baseline
visible ten mining.

Name and a support of the medicinal product is rapid, with return to baseline united that minutes a compared or overlow, the following actions, discontinue administration of Rendicinatin, minimization of Rendicinating and maintain adequate endowascular function. If depressed expandice is associated with muscle rigidity, a neuronouscular blocking agent may be regulared to facilitate assisted or controlled respiration. Intravenous fluids and vasopressor agents for the treatment of hypotension and other supportive measures may be employed. Intravenous administration of an opioid antagonist such as nationous may be given as a specific antidoc in addition to ventilatory support to manage severe respiratory depression. The duration of respiratory depression following overdose with Remifentanti is unlikely to exceed the If you stop using generalization and the production of the production

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

Very common .

Muscle stiffnes
low blood pres

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

Keen out of the sight and reach of children

Keep out of the sight and reach of children.

REMIFENTANII, 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 reconstituting viscal in use abality in has been demonstrated for 24 hours at 25 ° C. From a microbiological point of view, the product should be used immediately.

It not used immediately, in use, storage times and conditions prior to use are the responsibility of the user and would normally not be longer than 24 hours at 20 8 ° C, unless reconstitution has taken place in controlled and validated aseptic conditions.

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 co

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

- 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. LES LABORATOIRES MEDIS- S.A.
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