

**ATROPINE SULFATE- atropine sulfate injection, solution**  
**HF Acquisition Co LLC, DBA HealthFirst**

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**ATROPINE SULFATE INJECTION, USP 1mg (0.1mg/mL) 10mL ANSYR SYR**

**HIGHLIGHTS OF PRESCRIBING INFORMATION**

These highlights do not include all the information needed to use ATROPINE SULFATE INJECTION safely and effectively. See full prescribing information for ATROPINE SULFATE INJECTION.

ATROPINE SULFATE INJECTION, for intravenous, intramuscular, subcutaneous or endotracheal use

Initial U.S. Approval: 1960

**INDICATIONS AND USAGE**

Atropine is a muscarinic antagonist indicated for temporary blockade of severe or life threatening muscarinic effects. ( 1)

**DOSAGE AND ADMINISTRATION**

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For intravenous administration, but may also be administered via subcutaneous, intramuscular or via an endotracheal tube 2-( 2.1, 2.3).

•

Titrate according to heart rate, PR interval, blood pressure and symptoms. 2- 2.1)

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Adult dosage

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Antisialagogue or for antivagal effects: Initial single dose of 0.5 mg to 1 mg. 2-( 2.2)

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Antidote for organophosphorus or muscarinic mushroom poisoning: Initial single dose of 2 mg to 3 mg, repeated every 20-30 minutes. 2-( 2.2)

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Bradyasystolic cardiac arrest: 1 mg dose, repeated every 3-5 minutes if asystole persists. 2-( 2.2)

•

Patients with Coronary Artery Disease: Limit the total dose to 0.03 mg/kg to 0.04 mg/kg. 2-( 2.4)

**DOSAGE FORMS AND STRENGTHS**

•

0.05 mg/mL injection in Ansyr™ Plastic Syringe ( 3)

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0.1 mg/mL injection in Ansyr™ Plastic Syringe ( 3)

**CONTRAINDICATIONS**

None. ( 4)

## WARNINGS AND PRECAUTIONS

Tachycardia 5-(5.1)

Glaucoma 5-(5.2)

Pyloric obstruction (5.3)

Worsening urinary retention 5-(5.4)

Viscid bronchial plugs 5-(5.5)

## ADVERSE REACTIONS

Most adverse reactions are directly related to atropine's antimuscarinic action. Dryness of the mouth, blurred vision, photophobia and tachycardia commonly occur with chronic administration of therapeutic doses. ( 6)

To report SUSPECTED ADVERSE REACTIONS, contact Hospira, Inc. at 1-800-441-4100, or FDA at 1-800-FDA-1088 or [www.fda.gov/medwatch](http://www.fda.gov/medwatch).

## DRUG INTERACTIONS

Mexiletine: Decreases rate of mexiletine absorption. 7-(7.1)

Revised: 7/2018

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Sections or subsections omitted from the full prescribing information are not listed.

## **1 INDICATIONS & USAGE**

Atropine Sulfate Injection, USP, is indicated for temporary blockade of severe or life threatening muscarinic effects, e.g., as an antisialagogue, an antivagal agent, an antidote for organophosphorus or muscarinic mushroom poisoning, and to treat bradycardic cardiac arrest.

## **2 DOSAGE & ADMINISTRATION**

### **2.1 General Administration**

Parenteral drug products should be inspected visually for particulate matter and discoloration prior to administration, whenever solution and container permit. Do not administer unless solution is clear and seal is intact. Each syringe is intended for single dose only. Discard unused portion.

Intravenous administration is usually preferred, but subcutaneous, intramuscular, and endotracheal administration are possible. For administration via an endotracheal tube, dilute 1-2 mg in no more than 10 mL of sterile water or normal saline.

Titrate based on heart rate, PR interval, blood pressure and symptoms.

### **2.2 Adult Dosage**

Table 1: Recommended Dosage

Use	Dose (adults)	Repeat
Antisialagogue or other antivagal	0.5 to 1 mg	1-2 hours
Organophosphorus or muscarinic mushroom poisoning	2 to 3 mg	20-30 minutes
Bradyasystolic cardiac arrest	1 mg	3-5 minutes; 3 mg maximum total dose

### 2.3 Pediatric Dosage

Dosing in pediatric populations has not been well studied. Usual initial dose is 0.01 to 0.03 mg/kg.

### 2.4 Dosing in Patients with Coronary Artery Disease

Limit the total dose of atropine sulfate to 0.03 mg/kg to 0.04 mg/kg [see Warnings and Precautions 5-(5.1)].

## 3 DOSAGE FORMS & STRENGTHS

Injection: 0.05 mg/mL and 0.1 mg/mL in Ansyr™ Plastic Syringes containing a clear, colorless solution in a polypropylene syringe.

Each Ansyr™ 5 mL Plastic Syringe contains 0.25 mg of atropine sulfate (0.05 mg/mL concentration).

Each Ansyr™ 10 mL Plastic Syringe contains 1 mg of atropine sulfate (0.1 mg/mL concentration).

## **4 CONTRAINDICATIONS**

None.

## **5 WARNINGS AND PRECAUTIONS**

### **5.1 Tachycardia**

When the recurrent use of atropine is essential in patients with coronary artery disease, the total dose should be restricted to 2 to 3 mg (maximum 0.03 to 0.04 mg/kg) to avoid the detrimental effects of atropine-induced tachycardia on myocardial oxygen demand.

### **5.2 Acute Glaucoma**

Atropine may precipitate acute glaucoma.

### **5.3 Pyloric Obstruction**

Atropine may convert partial organic pyloric stenosis into complete obstruction.

### **5.4 Complete Urinary Retention**

Atropine may lead to complete urinary retention in patients with prostatic hypertrophy.

### **5.5 Viscid Plugs**

Atropine may cause inspissation of bronchial secretions and formation of viscid plugs in patients with chronic lung disease.

## **6 ADVERSE REACTIONS**

The following adverse reactions have been identified during post-approval use of atropine sulfate. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

Most of the side effects of atropine are directly related to its antimuscarinic action. Dryness of the mouth, blurred vision, photophobia and tachycardia commonly occur. Anhidrosis can produce heat intolerance. Constipation and difficulty in micturition may occur in elderly patients. Occasional hypersensitivity reactions have been observed, especially skin rashes which in some instances progressed to exfoliation.

## **7 DRUG INTERACTIONS**

### **7.1 Mexiletine**

Atropine Sulfate Injection decreased the rate of mexiletine absorption without altering the relative oral bioavailability; this delay in mexiletine absorption was reversed by the combination of atropine and intravenous metoclopramide during pretreatment for anesthesia.

## **8 USE IN SPECIFIC POPULATIONS**

## 8.1 Pregnancy

Animal reproduction studies have not been conducted with atropine. It also is not known whether atropine can cause fetal harm when given to a pregnant woman or can affect reproduction capacity.

## 8.3 Nursing Mothers

Trace amounts of atropine was found in breast milk. The clinical impact of this is not known.

## 8.5 Geriatric Use

An evaluation of current literature revealed no clinical experience identifying differences in response between elderly and younger patients. In general, dose selection for an elderly patient should be cautious, usually starting at the low end of the dosing range, reflecting the greater frequency of decreased hepatic, renal, or cardiac function, and of concomitant disease or other drug therapy.

## 10 OVERDOSAGE

Excessive dosing may cause palpitation, dilated pupils, difficulty in swallowing, hot dry skin, thirst, dizziness, restlessness, tremor, fatigue and ataxia. Toxic doses lead to restlessness and excitement, hallucinations, delirium and coma. Depression and circulatory collapse occur only with severe intoxication. In such cases, blood pressure declines and death due to respiratory failure may ensue following paralysis and coma.

The fatal adult dose of atropine is not known. In pediatric populations, 10 mg or less may be fatal.

In the event of toxic overdosage, a short acting barbiturate or diazepam may be given as needed to control marked excitement and convulsions. Large doses for sedation should be avoided because central depressant action may coincide with the depression occurring late in atropine poisoning. Central stimulants are not recommended.

Physostigmine, given as an atropine antidote by slow intravenous injection of 1 to 4 mg (0.5 to 1 mg in pediatric populations), rapidly abolishes delirium and coma caused by large doses of atropine. Since physostigmine is rapidly destroyed, the patient may again lapse into coma after one to two hours, and repeated doses may be required.

Artificial respiration with oxygen may be necessary. Ice bags and alcohol sponges help to reduce fever, especially in pediatric populations.

Atropine is not removed by dialysis.

## 11 DESCRIPTION

Atropine Sulfate Injection, USP is a sterile, nonpyrogenic isotonic solution of atropine sulfate monohydrate in water for injection with sodium chloride sufficient to render the solution isotonic. It is administered parenterally by subcutaneous, intramuscular or intravenous injection.

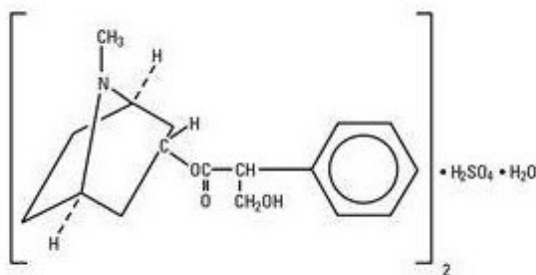
Each milliliter (mL) contains 0.1 mg (adult strength) or 0.05 mg (pediatric strength) of atropine sulfate monohydrate equivalent to 0.083 mg (adult strength) or 0.042 mg

(pediatric strength) of atropine, and sodium chloride, 9 mg. May contain sodium hydroxide and/or sulfuric acid for pH adjustment 0.308 mOsmol/mL (calc.). pH (3.0 to 6.5).

Sodium chloride added to render the solution isotonic for injection of the active ingredient is present in amounts insufficient to affect serum electrolyte balance of sodium (Na<sup>+</sup>) and chloride (Cl<sup>-</sup>) ions.

The solution contains no bacteriostat, antimicrobial agent or added buffer (except for pH adjustment) and is intended for use only as a single-dose injection. When smaller doses are required the unused portion should be discarded.

Atropine Sulfate, USP is chemically designated 1 $\alpha$  H, 5 $\alpha$  H-Tropan-3- $\alpha$ -ol ( $\pm$ )-tropate (ester), sulfate (2:1) (salt) monohydrate, (C<sub>17</sub>H<sub>23</sub>NO<sub>3</sub>)<sub>2</sub> • H<sub>2</sub>SO<sub>4</sub> • H<sub>2</sub>O, colorless crystals or white crystalline powder very soluble in water. It has the following structural formula:



Atropine, a naturally occurring belladonna alkaloid, is a racemic mixture of equal parts of d- and l-hyocyamine, whose activity is due almost entirely to the levo isomer of the drug.

Sodium Chloride, USP is chemically designated NaCl, a white crystalline powder freely soluble in water.

The syringe is molded from a specially formulated polypropylene. Water permeates from inside the container at an extremely slow rate which will have an insignificant effect on solution concentration over the expected shelf life. Solutions in contact with the plastic container may leach out certain chemical components from the plastic in very small amounts; however, biological testing was supportive of the safety of the syringe material.

## **12 CLINICAL PHARMACOLOGY**

### **12.1 Mechanism of Action**

Atropine is an antimuscarinic agent since it antagonizes the muscarine-like actions of acetylcholine and other choline esters.

Atropine inhibits the muscarinic actions of acetylcholine on structures innervated by postganglionic cholinergic nerves, and on smooth muscles which respond to endogenous acetylcholine but are not so innervated. As with other antimuscarinic agents, the major action of atropine is a competitive or surmountable antagonism which can be overcome by increasing the concentration of acetylcholine at receptor sites of the effector organ (e.g., by using anticholinesterase agents which inhibit the enzymatic destruction of acetylcholine). The receptors antagonized by atropine are the peripheral structures that are stimulated or inhibited by muscarine (i.e., exocrine glands and smooth and cardiac muscle). Responses to postganglionic cholinergic nerve stimulation also may be inhibited by atropine but this occurs less readily than with responses to injected (exogenous) choline esters.

### **12.2 Pharmacodynamics**

Atropine-induced parasympathetic inhibition may be preceded by a transient phase of stimulation, especially on the heart where small doses first slow the rate before characteristic tachycardia develops due to paralysis of vagal control. Atropine exerts a more potent and prolonged effect on heart, intestine and bronchial muscle than scopolamine, but its action on the iris, ciliary body and certain secretory glands is weaker than that of scopolamine. Unlike the latter, atropine in clinical doses does not depress the central nervous system but may stimulate the medulla and higher cerebral centers. Although mild vagal excitation occurs, the increased respiratory rate and (sometimes) increased depth of respiration produced by atropine are more probably the result of bronchiolar dilatation. Accordingly, atropine is an unreliable respiratory stimulant and large or repeated doses may depress respiration.

Adequate doses of atropine abolish various types of reflex vagal cardiac slowing or asystole. The drug also prevents or abolishes bradycardia or asystole produced by injection of choline esters, anticholinesterase agents or other parasympathomimetic drugs, and cardiac arrest produced by stimulation of the vagus. Atropine also may lessen the degree of partial heart block when vagal activity is an etiologic factor. In some patients with complete heart block, the idioventricular rate may be accelerated by atropine; in others, the rate is stabilized. Occasionally a large dose may cause atrioventricular (A-V) block and nodal rhythm.

Atropine Sulfate Injection, USP in clinical doses counteracts the peripheral dilatation and



abrupt decrease in blood pressure produced by choline esters. However, when given by itself, atropine does not exert a striking or uniform effect on blood vessels or blood pressure. Systemic doses slightly raise systolic and lower diastolic pressures and can produce significant postural hypotension. Such doses also slightly increase cardiac output and decrease central venous pressure. Occasionally, therapeutic doses dilate cutaneous blood vessels, particularly in the "blush" area (atropine flush), and may cause atropine "fever" due to suppression of sweat gland activity in infants and small children.

The effects of intravenous atropine on heart rate (maximum heart rate) and saliva flow (minimum flow) after intravenous administration (rapid, constant infusion over 3 min.) are delayed by 7 to 8 minutes after drug administration and both effects are non-linearly related to the amount of drug in the peripheral compartment. Changes in plasma atropine levels following intramuscular administration (0.5 to 4 mg doses) and heart rate are closely overlapped but the time course of the changes in atropine levels and behavioral impairment indicates that pharmacokinetics is not the primary rate-limiting mechanism for the central nervous system effect of atropine.

### 12.3 Pharmacokinetics

Atropine disappears rapidly from the blood following injection and is distributed throughout the body. Exercise, both prior to and immediately following intramuscular administration of atropine, significantly increases the absorption of atropine due to increased perfusion in the muscle and significantly decreases the clearance of atropine. The pharmacokinetics of atropine is nonlinear after intravenous administration of 0.5 to 4 mg. Atropine's plasma protein binding is about 44% and saturable in the 2-20 µg/mL concentration range. Atropine readily crosses the placental barrier and enters the fetal circulation, but is not found in amniotic fluid. Much of the drug is destroyed by enzymatic hydrolysis, particularly in the liver; from 13 to 50% is excreted unchanged in the urine. Traces are found in various secretions, including milk. The major metabolites of atropine are noratropine, atropin-n-oxide, tropine, and tropic acid. The metabolism of atropine is inhibited by organophosphate pesticides.

#### Specific Populations

The elimination half-life of atropine is more than doubled in children under two years and the elderly (>65 years old) compared to other age groups. There is no gender effect on the pharmacokinetics and pharmacodynamics (heart rate changes) of atropine.

## 13 NONCLINICAL TOXICOLOGY

### 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Studies have not been performed to evaluate the carcinogenic or mutagenic potential of atropine or its potential to affect fertility adversely.

## 16 HOW SUPPLIED/STORAGE AND HANDLING

ATROPINE SULFATE INJECTION, USP is supplied in the following dosage forms.

NDC 51662-1289-1

ATROPINE SULFATE INJECTION, USP 1mg (0.1mg/mL) 10mL ANSYR SYR

NDC 51662-1289-2

ATROPINE SULFATE INJECTION, USP 1mg (0.1mg/mL) 10mL ANSYR SYR, 1 SYRINGE

PER POUCH

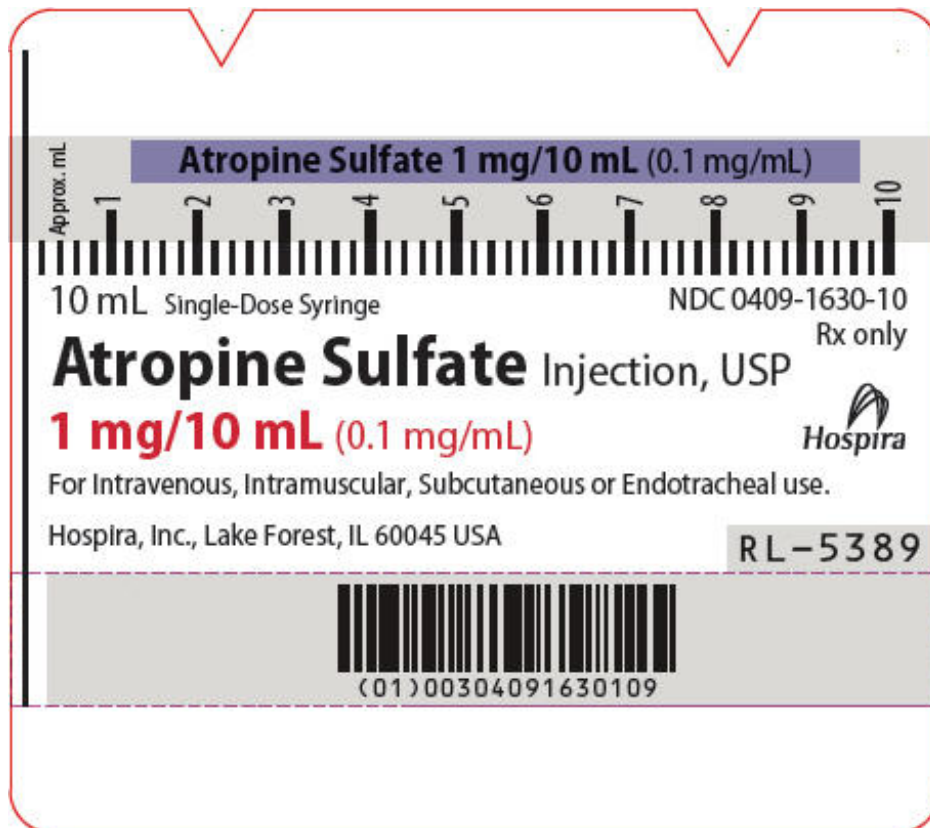
NDC 51662-1289-3

ATROPINE SULFATE INJECTION, USP 1mg (0.1mg/mL) 10mL ANSYR SYR, 1 SYRINGE PER POUCH, 10 POUCHES PER CASE

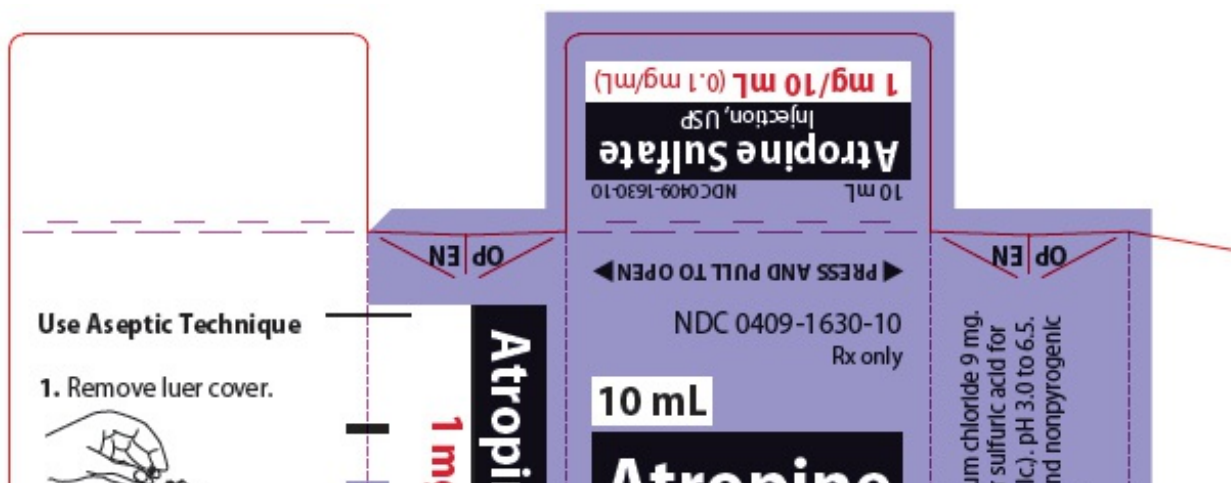
HF Acquisition Co LLC, DBA HealthFirst  
Mukilteo, WA 98275

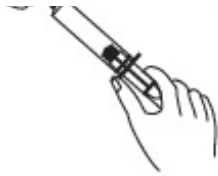
Store at 20°C to 25°C (68°F to 77°F); excursions permitted between 15°C and 30°C (59°F and 86°F). [See USP Controlled Room Temperature.]

### PRINCIPAL DISPLAY PANEL, SYRINGE LABEL



### PRINCIPAL DISPLAY PANEL, CARTON





2. Hold plunger and push barrel forward to relieve any resistance that may be present.



3. Pull the barrel down until air is expelled from the syringe.



CA-4560

MADE IN GERMANY  
Hospira, Inc.  
Lake Forest, IL 60045 USA

**Atropine Sulfate Injection, USP**  
**1 mg/10 mL (0.1 mg/mL)**



**Atropine Sulfate**  
Injection, USP

**1 mg/10 mL**  
(0.1 mg/mL)

For Intravenous,  
Intramuscular,  
Subcutaneous or  
Endotracheal Use

*Ansy<sup>TM</sup>*

Single-Dose Syringe

  
Hospira

**Atropine Sulfate**  
Injection, USP  
**1 mg/10 mL (0.1 mg/mL)**

equivalent to 0.083 mg atropine; sodium chloride 0.083 mg. May contain sodium hydroxide and/or hydrochloric acid for pH adjustment. 0.308 mOsmol/mL (calculated). Medication and fluid path are sterile and nonpyrogenic. If cap is in place and package is intact.

Single-dose syringe. Discard unused portion. **Usual Dose:** See prescribing information. Store at 20°C to 25°C (68°F to 77°F); excursions permitted between 15°C and 30°C (59°F and 86°F). [See USP Controlled Room Temperature.] Each mL contains 0.1 mg atropine sulfate monohydrate.

◀ PRESS AND PULL TO OPEN ▶

OP EN

OP EN

10 mL NDC 0409-1630-10  
**Atropine Sulfate**  
Injection, USP  
**1 mg/10 mL (0.1 mg/mL)**

PRINCIPAL DISPLAY PANEL, SERIALIZED LABEL

SERIALIZED LABEL

(01)00351662128916  
(17)230919  
(21)351662141212  
(10)HF1234TESTING

SEE MANUFACTURE'S INSERT  
DISTRIBUTED BY HF ACQUISITIONS CO., LLC  
MUKILTEO, WA 98275

RX ONLY



**PRINCIPAL DISPLAY PANEL - NDC 51662-1289-2 POUCH LABELING**

NDC 51662-1289-2 POUCH LABELING

**ATROPINE SULFATE INJECTION, USP 1mg/10mL  
(0.1mg/mL) 10mL SYR**

**NDC: 51662-1289-2  
LOT: 123456  
EXP: 2030-01-01**

(01) 00351662128923  
(10) 123456  
(17) 300101  
(21) 223746306633

FOR INTRAVENOUS USE. SINGLE DOSE SYRINGE. DISCARD UNUSED PORTION. RECOMMENDED DOSAGE: SEE PRESCRIBING INFORMATION. EACH mL CONTAINS 0.1mg ATROPINE MONOHYDRATE, EQUIVALENT TO 0.083mg ATROPINE; SODIUM CHLORIDE 9mg. MAY CONTAIN SODIUM HYDROXIDE AND/OR SULFURIC ACID FOR pH ADJUSTMENT. 0.300 mOsmol/mL (CALC.). pH 3.0 TO 6.5. MEDICATION AND FLUID PATH ARE STERILE AND NONPYROGENIC IF CAP IS IN PLACE AND PACKAGE IS INTACT. STORE AT 20°C TO 25°C (68°F TO 77°F); EXCURSIONS PERMITTED BETWEEN 15°C AND 30°C (59°F AND 85°F). [SEE USP CONTROLLED ROOM TEMPERATURE.]




See manufacturer's package insert  
ORIGINAL MFG NDC: 0409-1630-10  
**RX ONLY**  
Manufactured by HF Acquisition Co., LLC  
Mukilteo, WA 98275



CARTON LABELING



**Use Aseptic Technique**

- Remove luer cover. 
- Hold plunger and push barrel forward to relieve any resistance that may be present. 
- Pull the barrel down until air is expelled from the syringe. 

10 mL NDC 0409-1630-15 Rx only

**Atropine Sulfate**  
Injection, USP

**1 mg/10 mL (0.1 mg/mL)**

**10 mL**

**Atropine Sulfate**  
Injection, USP

**1 mg/10 mL**  
(0.1 mg/mL)

**For Intravenous Use**

**Ansy<sup>®</sup>**  
Single-Dose Syringe

**Hospira**

LOT #####  
EXP DMMYYYY

10 mL NDC 0409-1630-15

**Atropine Sulfate**  
Injection, USP

**1 mg/10 mL (0.1 mg/mL)**

Atropine Sulfate Injection, USP  
**1 mg/10 mL (0.1 mg/mL)**

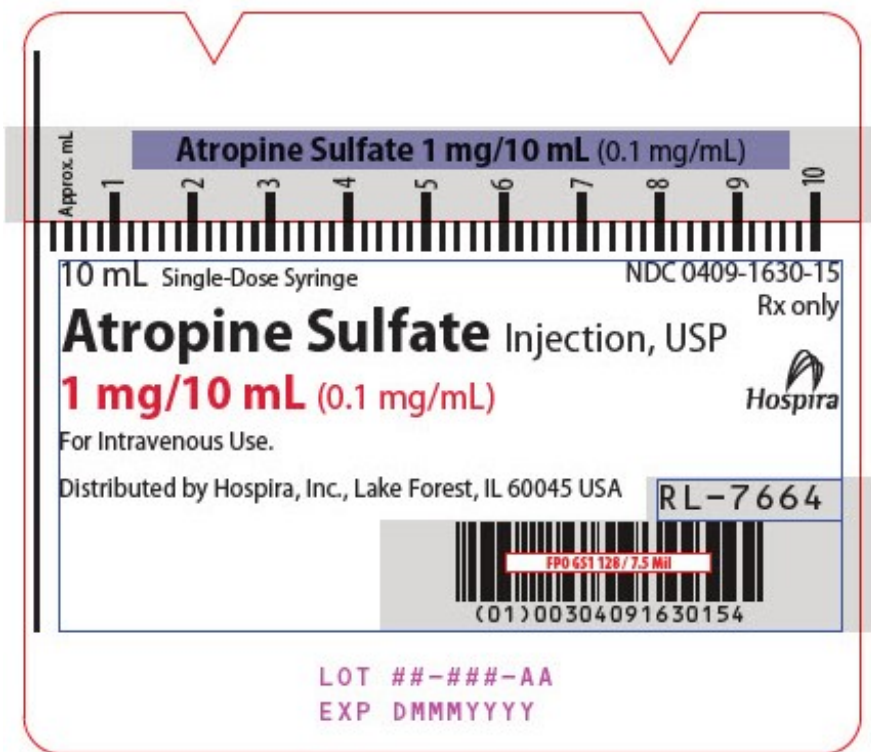
LOT 2003064971 607154

CA-7491

MADE IN SPAIN  
Distributed by Hospira, Inc.  
Lake Forest, IL 60045 USA

Single-dose syringe. Discard unused portion. **Recommended** dosage: See prescribing information. Store at 20°C to 25°C (68°F to 77°F); excursions permitted between 15°C and 30°C (59°F and 86°F). [See USP Controlled Room Temperature.] Sterile and nonpyrogenic. Each mL contains 0.1 mg atropine sulfate monohydrate, equivalent to 0.085 mg atropine, sodium chloride 9 mg. May contain sodium hydroxide and/or sulfuric acid for pH adjustment. 0.308 mOsmol/mL. (Calc. pH 3.0 to 6.5. Medication and fluid path are sterile and nonpyrogenic if cap is in place and package is intact.)

## SYRINGE LABELING



**PRINCIPAL DISPLAY PANEL - NDC 51662-1289-3 CASE LABELING**

NDC 51662-1289-3 CASE LABELING

**ATROPINE SULFATE INJECTION, USP 1mg/10mL  
(0.1mg/mL) 10mL SYR (CASE OF 10)**

**NDC: 51662-1289-3  
LOT: 123456  
EXP: 2030-01-01**

**CASE**

- (01) 40351662128938
- (10) 123456
- (17) 300101
- (21) 27522252540

FOR INTRAVENOUS USE. SINGLE DOSE SYRINGE. DISCARD UNUSED PORTION. RECOMMENDED DOSAGE: SEE PRESCRIBING INFORMATION. EACH mL CONTAINS 0.1mg ATROPINE MONOHYDRATE, EQUIVALENT TO 0.083mg ATROPINE; SODIUM CHLORIDE 9mg. MAY CONTAIN SODIUM HYDROXIDE AND/OR SULFURIC ACID FOR pH ADJUSTMENT. 0.308 mOsmol/mL (CALC.). pH 3.0 TO 6.5. MEDICATION AND FLUID PATH ARE STERILE AND NONPYROGENIC IF CAPS IN PLACE AND PACKAGE IS INTACT. STORE AT 20°C TO 25°C (68°F TO 77°F); EXCURSIONS PERMITTED BETWEEN 15°C AND 30°C (59°F AND 85°F). (SEE USP CONTROLLED ROOM TEMPERATURE.)

See manufacturer's package insert  
ORIGINAL MFG NDC: 0409-1630-10  
**RX ONLY**  
Manufactured by HF Acquisition Co., LLC  
Mukilteo, WA 98275





(01)40351662128938  
(17)230919  
(21)351662141212  
(10)HF1234TESTING

SEE MANUFACTURE'S INSERT  
DISTRIBUTED BY HF ACQUISITIONS CO., LLC  
MUKILTEO, WA 98275

RX ONLY



## ATROPINE SULFATE

atropine sulfate injection, solution

### Product Information

<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:51662-1289(NDC:0409-1630)
<b>Route of Administration</b>	INTRAMUSCULAR, ENDOTRACHEAL, INTRAVENOUS, SUBCUTANEOUS		

### Active Ingredient/Active Moiety

Ingredient Name		Basis of Strength	Strength	
ATROPINE SULFATE (UNII: 03J5ZE7KA5) (ATROPINE - UNII:7C0697DR9I)		ATROPINE SULFATE	0.1 mg in 1 mL	
<b>Inactive Ingredients</b>				
Ingredient Name		Strength		
SODIUM CHLORIDE (UNII: 451W47IQ8X)		9 mg in 1 mL		
SULFURIC ACID (UNII: O40UQP6WCF)				
WATER (UNII: 059QF0KO0R)				
SODIUM HYDROXIDE (UNII: 55X04QC32I)				
<b>Packaging</b>				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:51662-1289-1	1 in 1 CARTON	09/23/2018	
1		10 mL in 1 SYRINGE, PLASTIC; Type 2: Prefilled Drug Delivery Device/System (syringe, patch, etc.)		
2	NDC:51662-1289-3	10 in 1 CASE	12/12/2022	
2	NDC:51662-1289-2	1 in 1 POUCH		
2		1 in 1 CARTON		
2		10 mL in 1 SYRINGE, PLASTIC; Type 2: Prefilled Drug Delivery Device/System (syringe, patch, etc.)		
<b>Marketing Information</b>				
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date	
NDA	NDA021146	09/23/2018		

**Labeler** - HF Acquisition Co LLC, DBA HealthFirst (045657305)

**Registrant** - HF Acquisition Co LLC, DBA HealthFirst (045657305)

### Establishment

Name	Address	ID/FEI	Business Operations
HF Acquisition Co LLC, DBA HealthFirst		045657305	relabel(51662-1289)

Revised: 2/2024

HF Acquisition Co LLC, DBA HealthFirst