Testal Effects: May cause fetal harm. Females of reproductive potential should be advised to avoid becoming pregnant (5.2). Clinical cases of overt Cushing's Syndrome have been reported in association with the chronic use of megestrol acetate. In addition, clinical cases of adrenal insufficiency have been observed in patients receiving or being withdrawn from chronic

To report SUSPECTED ADVERSE REACTIONS, contact TWI Pharmaceuticals, Inc. at 1-844-518-2989 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

Due to a significant decrease in indinavir exposure, administration of a higher dose of indinavir should be considered when coadministering with megestral acetate (7.1, 12.3).

Loctation: Women infected with HIV-1 should be instructed not to breastfeed due to the potential for HIV transmission (8.2).

Geriatrics: 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 therapy (8.5).

Use with caution in patients with a history of thromboembolic disease (5.1).

megestrol acetate in the stressed and non-stressed state (5.3).

New onset and exacerbation of pre-existing diabetes have been reported (5.4).

---- ADVERSE REACTIONS ----

----- DRUG INTERACTIONS --

------ USE IN SPECIFIC POPULATIONS --

See 17 for PATIENT COUNSELING INFORMATION

8.3 Females and Males of Reproductive Potential

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

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

13.2 Animal Pharmacology and/or Toxicology

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THOSE HIGHIGHTS OF TRESCRIPTION INFORMATION These highlights do not include all the information needed to use MEGESTROL ACETATE ORAL SUSPENSION safely and effectively. See full prescribing information for MEGESTROL ACETATE ORAL SUSPENSION. MEGESTROL ACETATE oral suspension Initial U.S. Approval: 1993 - RECENT MAJOR CHANGES Dosage and Administration (2.1) Warnings and Precautions (5.2) ---- INDICATIONS AND USAGE ----Megestral acetate oral suspension is a progestion induced for the treatment of annowsia, cachesia, or an unexplained significant weight loss in patients with a diagnosis of acquired immunodeficiency syndrome (AIDS) (1). ----- DOSAGE AND ADMINISTRATION ----Obtain a negative pregnancy test in females of reproductive potential prior to initiating treatment (2.1) The recommended adult initial dosage of megestrol acetate oral suspension is 625 mg/day (5 mL/day or one teaspoon daily) Shake container well before using (2.2). --- DOSAGE FORMS AND STRENGTHS -Oral suspension containing 125 mg of megestrol acetate per mL (3). ---- CONTRAINDICATIONS • History of hypersensitivity to megestrol acetate or any component of the formulation (4). Pregnancy (4) (8.1).

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- DOSAGE AND ADMINISTRATION
- 2.1 Testing Prior to Megestrol Acetate Oral Suspension Administration
- 2.2 Dosage and Administration

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FILL PRESCRIBING INFORMATION

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Adverse events which occurred in at least 5% of patients in any arm of the two clinical efficacy trials and the open trial for megestrol acetate oral suspension are listed below by treatment group. All patients listed had at least one post baseline visit during the 12

Table 1: Adverse Events Percentage of Patients Reporting Adverse Events

	rercentaç	je ot ratiet	iis Keporiii	ig Aaverse	Events		
		ıl 1 236)	Trial 2 (N=87)		Open Label Trial		
	Placebo				Placebo		
Megestrol Acetate mg/day	0	100	400	800	0	800	1200
No. of Patients	N=34	N=68	N=69	N=65	N=38	N=49	N=176
Diarrhea	15	13	8	15	8	6	10
Impotence	3	4	6	14	0	4	7
Rash	9	9	4	12	3	2	6
Flatulence	9	0	1	9	3	10	6
Hypertension	0	0	0	8	0	0	4
Asthenia	3	2	3	6	8	4	5
Insomnia	0	3	4	6	0	0	1
Nausea	9	4	0	5	3	4	5
Anemia	6	3	3	5	0	0	0
Fever	3	6	4	5	3	2	1
Libido Decreased	3	4	0	5	0	2	1
Dyspepsia	0	0	3	3	5	4	2
Hyperglycemia	3	0	6	3	0	0	3
Headache	6	10	1	3	3	0	3
Pain	6	0	0	2	5	6	4
Vomiting	9	3	0	2	3	6	4
Pneumonia	6	2	0	2	3	0	1
Urinary Frequency	0	0	1	2	5	2	1

Adverse events which occurred in 1% to 3% of all patients enrolled in the two clinical efficacy triads with at least one follow-up visit during the first 12 weeks of the study are listed below by body system. Adverse events occurring less than 1% are not included. There were no significant differences between incidence of these events in patients treated with megestrol acctate and patients treated with placebo.

Body as a Whole - abdominal pain, chest pain, infection, moniliasis and sarcoma

Cardiovascular System - cardiomyopathy and palpitation

Digestive System - constipation, dry mouth, hepatomegaly, increased salivation and oral moniliasis

Hemic and Lymphatic System - leukopenia

Metabolic and Nutritional - LDH increased, edema and peripheral edema

Nervous System - paresthesia, confusion, convulsion, depression, neuropathy, hypesthesia and abnormal thinking

Respiratory System - dyspnea, cough, pharyngitis and lung disorder Skin and Appendages - alopecia, herpes, pruritus, vesiculobullous rash, sweating and skin disorder

Urogenital System - albuminuria, urinary incontinence, urinary tract infection and gynecoma 6.3 Postmarketing Experience

Postmarketing reports associated with megestrol acetate oral suspension include thromboembolic phenomena including thrombophlebitis, deep vein thrombosis, and pulmonary embolism; and glucose intolerance.

7 DRUG INTERACTIONS

7.1 Indinatival

Due to the significant decrease in the exposure of indinativity megestral acetate, administration of a higher dose of indinativity should be considered when coadministering with megestral acetate [see Clinical Pharmacology (12.3)].

7.2 Zidovudine and Rifabutin

No dosage adjustment for zidovudine and rifabutin is needed when meaestrol acetate is coadministered with these drugs (see Clinical Pharmacology (12.3)1.

8 USE IN SPECIFIC POPULATION

8.1 Pregnancy

Stass Journaly

Based on animal data, megestrol acetate may cause fetal harm when administered to a pregnant woman and is contraindicated during pregnancy [see Contraindications (4)]. There are no available human data to assess for any drug-associated risks of miscarriage, birth defects, or adverse maternal or fetal outcomes. There are no adequate animal developmental toxicity data at clinically relevant doses. Pregnant rats treated with low doses of megestral acetate resulted in a reduction in fetal weight and number of live births, and feminization of male fetuses at doses below maximum recommended clinical dosina based on body surface area (see Data). Advise a pregnant women of the potential risk to the fetus The most common adverse events occurring in > 5% of all patients receiving 800mg/20 mL of megestral acetate and suspension in the two clinical efficacy trials were nausea, diarrhea, impotence, rash, flatulence, hypertension, and asthenia (6.2).

The estimated background risk of major birth defects and miscarriage for the indicated population is unknown. In the U.S. general population, the estimated background risk of major birth defects and of miscarriage in clinically recognized pregnancies is 2 to 4%

Reproduction studies were performed in pregnant rats at oral doses ranging from 0.05 to 12.5 mg/kg/day, which are below the maximum recommended clinical dose based on body surface area. Reduction in fetal weight and number of live births were observed at 12.5 mg/kg/day (5 times lower than the maximum clinical dose) when dams were dosed on days 12 through 18 of pregnancy. Feminization of male fetuses also occurred when dams were dosed on days 13 through 20 of pregnancy at 3 mg/kg/day, approximately 22 times below the maximum clinical dose.

8.2 Lactation

Risk Summary

The Centers for Disease Control and Prevention recommend that HIV-1 infected mothers not breastfeed their infants to avoid risking postnatal transmission of HIV-1. Megestral acetate is present in human milk. There are no data on the effects of megestral acetate on the breastfeel infant or the effects on milk production. Because of the potential for HIV transmission and adverse effects on a breastfeel infant, instruct mothers not to breastfeel if they are taking megestral acetate and suspension.

8.3 Females and Males of Reproductive Potential

Pregnancy testing is recommended prior to treatment with megestrol acetate oral suspension [see Dosage and Administration (2.1), Use in Specific Populations (8.1)].

Contraception

Magestrol actetate oral suspension may cause fetal harm when administered during pregnancy [see Use in Specific Populations (8.1)]. Advise females of reproductive potential to use effective contraception during treatment with megestral acetate oral

8.4 Pediatric Use

safety and effectiveness in pediatric patients have not been established.

Clinical studies of megestrol acetate oral suspension in the treatment of anorexia, cachexia, or an unexplained, significant weight Clinical studies of megestrol acetate and supension in the treatment of anorexia, achexia, or an unexplained, significant weight loss in patients with AIDS did not include sufficient numbers of patients goed 6.5 years and older to determine whether they respond differently than younger patients. Other reported clinical experience has not identified differences in responses 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.

Megestrol acetate is known to be substantially excreted by the kidney, and the risk of toxic reactions to this drug may be greater in patients with impaired renal function. Because elderly patients are more likely to have decreased renal function, care should be taken in dose selection, and it may be useful to monitor renal function.

8.6 Use in Women

Meaestrol acetate has had limited use in HIV infected women

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10 OVERDOSAGE

No serious unexpected side effects have resulted from studies involving megestrol acetate oral suspension administered in dosages as high as 1200 mg/day. In post-marketing experience, limited reports of overdose have been received. Signs and symptoms reported in the context of overdose included diarrhea, nausea, abdominal pain, shortness of breath, cough, unsteady gait, listlessness, and chest pain. There is no specific antidate for overdose with megestrol acetate and suspension. In case of overdose, appropriate supportive measures should be taken. Negestrol acetate has not been tested for dialyzability; however, due to its low solubility it is postulated that dialysis would not be an effective means of treating overdose.

11 DESCRIPTION

Megestrol acetate and suspension contains megestrol acetate, a synthetic derivative of the naturally occurring steroid hormone, progesterone. Megestrol acetate is a white, crystalline solid chemically designated as 17-Hydroxy-6-methyl pregno 4,6-diene-3,20-dione acetate. Solubility at 37° C in water is 2 mcg per ml., solubility in plasma is 24 mcg per ml. Its molecular weight is 384.52.

The chemical formula is $C_{24}H_{32}O_4$ and the structural formula is represented as follows:

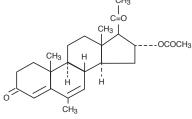


Figure 1: Megestrol Acetate Chemical Structure

Megestrol acetate oral suspension is an oral suspension containing 125 mg of megestrol acetate per mL

Megestrol acetate oral suspension contains the following inactive ingredients: alcohol (max 0.07% v/v from flavor), citric acid monohydrate, hypromellose, lemon flavor, sodium benzoate, sodium citrate dihydrate, sodium lauryl sulfate, and sucrose. onohydrate, hypromellose, lemon flavor, sodium ben The IISP dissolution test is needing

12 CLINICAL PHARMACOLOGY

Several investigators have reported on the appetite enhancing property of megestral acetate and its possible use in cachexia. The precise mechanism by which megestral acetate produces effects in anorexia and cachexia is unknown at the present time.

12.3 Pharmacokinetics

Absorption and Distributi

Absorption and Distribution

Mean plasma concentrations of megestrol acetate after administration of 625 mg (125 mg/mL) of megestrol acetate aral suspension are equivalent under fed conditions to 800 mg (40 mg/mL) of megestrol acetate and suspension in healthy volunteers. In order to characterize the dose proportionality of megestrol acetate and suspension, pharmacokinetic studies across a range of doses were conducted when administered under fasting and fed conditions. Pharmacokinetics of megestrol acetate was linear in the dosing range between 150 mg and 675 mg after megestrol acetate oral suspension administration regardless of mead condition. The mean peak plasma concentration (C_{max}) and the mean are auder the concentration time-rure/(AUC) after a high fat meal were increased by 48% and 36%, respectively, compared to those under the fasting condition after 625 mg megestrol acetate around were increased by 48% and 36%, respectively, compared to those under the fasting condition. This food effect is less than that seen for the original formulation, megestrol acetate 800 mg/20 mL, where a high fat meal significantly increased AUC and C_{max} of megestrol acetate to 2-fold and 7-fold, respectively, compared to those under the fasting condition. There was no difference in safety following administration in the fed state, therefore megestrol acetate or all suspension could be taken without regard to meels.

Plasma steady state pharmacokinetics of megestrol acetate was evaluated in 10 adult, cachetic male adult patients with accurred

Plasma steady state pharmacokinetics of megestral acetate was evaluated in 10 adult, cachectic male adult patients with acquired immunodeficiency syndrome (AIDS) and an involuntary weight loss greater than 10% of baseline who received single oral doses of 800 mg/day of megestral acetate oral suspension for 21 days. The Mean ($\pm 15D$) C_{max} of megestral acetate was 753 (± 539) ng/ml. The mean AIU cws 10476 (± 7788) ng x hr/ml. Median I_{max} value was five hours.

In another study, 24 asymptomatic HIV seropositive mole adult subjects were dosed once daily with 750 mg of megestrol acetate oral suspension for 14 days. Mean C_{max} and AUC values were 490 (\pm 238) ng/mL and 6779 (\pm 3048) hr x ng/mL, respectively. The median T_{max} value was three hours. The mean C_{min} value was 202 (\pm 101) ng/mL. The mean C_{min} of fluctuation value was 107 (\pm 40).

Metabolism and Excretion

The major route of drug elimination in humans is urine. When radio-labeled megestrol acetate was administered to humans in doses of 4 to 90 mg, the urinary excretion within 10 days ranged from 56.5% to 78.4% (mean 66.4%) and fecal excretion ranged from 7.7% to 30.3% (mean 19.8%). The total recovered radioactivity varied between 83.1% and 94.7% (mean 86.2%). Megastrol acreate metabolities which were identified in urine constituted 5% to 8% of the dose administered. Respiratory excre labeled carbon diaxide and fat storage may have accounted for at least part of the radioactivity not found in urine and faces. The mean elimination half-life of megastrol ranged from 20 to 50 hours in healthy subjects.

The pharmacokinetics of meaestrol acetate has not been studied in specific population, for example, pediatric, renal impairment,

and hepatic impairme

MEGESTROL ACETATE oral suspension

1 INDICATIONS AND USAGE

Megestral acetate and suspension is indicated for the treatment of anorexia, cachexia, or an unexplained significant weight loss in patients with a diagnosis of acquired immunodeficiency syndrome (AIDS).

INUMINO. 10. USA

Therapy with megestrol acetate and suspension for weight loss should only be instituted after treatable causes of weight loss are sought and addressed. These treatable causes include possible malignancies, systemic infections, gastrointestinal disorders affecting absorption, endocrine diseases, renal disease or psychiatric diseases.

Megestrol acetate and suspension is not intended for prophylactic use to avoid weight loss.

2 DOSAGE AND ADMINISTRATION

2.1 Testing Prior to Megestrol Acetate Oral Suspension Administration

Obtain a negative pregnancy test in females of reproductive potential prior to initiating treatment with megestrol acetate oral suspension [see Contraindications (4), Warnings and Precautions (5.2), Use in Specific Populations (8.1, 8.3)].

2.2 Dosing and Administration

- The recommended adult initial dosage of megestrol acetate oral suspension is 625 mg/day (5 mL/day or one teaspoon daily). Shoke the container well before using.
 This strength (125 mg/mt) is not substitutable with other strengths (e.g., 40 mg/mt). Refer to the prescribing information of the 40 mg/mL product for dosage recommendations for the 40 mg/mL strength.
- 3 DOSAGE FORMS AND STRENGTHS

Megestrol acetate oral suspension is milky white, lemon flavored, and contains 125 ma per mL. 4 CONTRAINDICATIONS

- History of hypersensitivity to megestrol acetate or any component of the formulation.
 Pregnancy [see Warnings and Precautions (5.2), Use in Specific Populations (8.1, 8.3)].
- 5 WARNINGS AND PRECAUTIONS

5.1 General Effects on HIV viral replication have not been determined. Use with caution in patients with a history of thromboembolic disease.

5.2 Fetal Toxicity
Based on animal studies, megestrol acetate may cause fetal harm when administered to a pregnant woman. Pregnant rats treated with low doses of megestrol acetate resulted in a reduction in fetal weight and number of live births, and feminization of male fetuses. There are no available human data to assess for any drug associated risks of miscarriage, birth defects, or adverse maternal or fetal outcomes. If this drug is used during pregnancy, or if the potient becomes pregnant while taking (receiving) this drug, advise the potient of the potential hazard to the fetus [see Use in Specific Populations (8.1), Nonclinical Toxicology (13.1)].
Obtain a pregnancy test in females of reproductive potential prior to initiating treatment with megestrol acetate and suspension [see Dosage and Administration (2.1)]. Advise females of reproductive potential to use effective contraception while taking megestrol acetate are used used to the surface of the productive potential or use effective contraception while taking megestrol acetate are used.

5.3 Adrenal Insufficiency

5.3 Adrenal Insufficiency
The gluccortical activity of megestral acetate and suspension has not been fully evaluated. Clinical cases of overt Cushing's Syndrome have been reported in association with the chronic use of megestral acetate. In addition, clinical cases of overt Cushing's Syndrome have been observed in association with the chronic use of megestral acetate. In the stressed and non-stressed state. Furthermore, adrenocriticatopin (ACIH) stimulation testing has revealed the frequent accurrence of exymplomatic pituliary-adrenal suppression in patients treated with chronic megestral acetate therapy. Therefore, the possibility of adrenal insufficiency should be considered in any patient receiving or being withdrawn from chronic megestral acetate and suspension therapy who presents with symptoms and/or signs suggestive of hypoadrenalism (e.g., hypotension, nausea, vomiting, dizziness, or weakness) in either the stressed or non-stressed state. Laboratory evaluation for adrenal insufficiency and consideration of replacement or stress does of a rapidly acting glucocorticoid are strongly recommended in such patients. Failure to recognize inhibition of the hypoadrenal acis in pressibility in patients who are receiving or being withdrawn from chronic megestral acetate and suspension therapy, consideration should be given to the use of empiric therapy with stress does of a rapidly acting glucocorticoid during stress or serious intercurrent illness (e.g., surgery, infection).

5.4 Diabetes

Clinical cases of new onset diabetes mellitus and exacerbation of pre-existing diabetes mellitus have been reported in association with the chronic use of megestrol acetate.

6 ADVERSE REACTIONS

6.1 Serious and Otherwise Important Adverse Reactions

The following serious reactions and otherwise important adverse drug reactions are discussed in greater detail in other sections of

- Thromboembolic Disease [see Warnings and Precautions (5.1)]
- Adrenal Insufficiency [see Warnings and Precautions (5.3)]
 Diabetes [see Warnings and Precautions (5.4)]

6.2 Clinical Trial Experience

Because clinical trials are conducted under widely varying conditions, adverse reactions observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

The safety of megestrol acetate oral suspension, 125 mg/mL was based on three studies of megestrol acetate oral suspension (40 mg/mL). The adverse reaction profile of these 3 studies are presented below.

Drug Interactions

The effects of indinavir, zidovudine or rifabutin on the pharmacokinetics of megestrol acetate were not studied.

etic studies show that there are no significant alterations in exposure of zidovudine when megestrol acetate is

Rifabutin

ic studies show that there are no significant alterations in exposure of rifabutin when megestrol acetate is administered with this drug.

Indinavir

A pharmacokinetic study in healthy male subjects demonstrated that coadministration of megestrol acetate (675 mg for 14 days) and indinovir (single dose 800 mg) results in a significant decrease in the pharmacokinetic parameters (\sim 32% for C_{max} and \sim 21% for AUC) of indinovir.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Data on carcinogenesis were obtained from studies conducted in dogs, monkeys and rats treated with megestrol acetate at doses below the recommended clinical dose based on body surface area. No males were used in the dog and monkey studies. In female below the recommended clinical dose based on body surface area. No moles were used in the dog and mankey studies. In female beedges, megestral acetate (0.01, 0.1 or 0.25 mg/kg/day) administered for up to 7 years induced both benign and malignant tumors of the breast at doses greater than or equal to 0.01 mg/kg/day, approximately 75 to 187 times below the maximum clinical dose. In female monkeys, no tumors were found following 10 years of treatment with 0.01, 0.1 or 0.5 mg/kg/day megestral acetate, up to 65 times below the maximum clinical dose. Pituitary tumors were observed in female rats treated for 2 years with 3.3 or 10 mg/kg/day of megestral acetate, approximately 6 to 17 times below the maximum clinical dose. The relationship of these tumors in rats and dogs to humans is unknown but should be considered in assessing the risk-to-benefit ratio when prescribing megestral acetated administered and the properties of the properties of the properties. Megestral administered to mice increased the frequency of sister chromatid exchange and chromosomal aberrations in bone marrow cells after single intraperitonial doses of 16.25 and 32.50 mg/kg.

Impaired reproductive capability was observed in male offspring born to female rats treated during gestation days 13 through 20 with oral doses greater than or equal to 3 mg/kg/day megestrol, approximately 22 times below the maximum clinical dose. Female dags treated daily with megestrol oral capsules for 7 years experienced a complete cessation of estrus activity and ovulation at doses of 0.1, or 0.25 mg/kg/day, approximately 187 and 75 times below the maximum clinical dose, respectively.

13.2 Animal Pharmacology and/or Toxicology

Long-term treatment with megestral acetate aral suspension may increase the risk of respiratory infactions. A trend toward increased frequency of respiratory infactions, decreased lymphocyte counts and increased neutrophil counts was observed in a two-year chronic toxicity/carcinogenicity study of megestral acetate conducted in rats.

The efficacy of megestrol acetate oral suspension, 125 mg/mL, was based on two trials of megestrol acetate oral suspension (40 mg/mL). These two trials are described below.

Trial 1

One was a multicenter, randomized, double-blind, placebo-controlled study comparing megestral acetate (MA) at doses of 100 mg, 400 mg, and 800 mg per day versus placebo in AIDS patients with anarcxia/cachexia and significant weight loss. Of the 270 patients entered on study, 195 met all indusion/exclusion criteria, had at least two additional post baseline weight measurement sover a 12 week period or had one post baseline weight measurement but dropped out for therapeutic failure. The percent of patients gaining 2.3 kg or more at maximum weight gain in 12 study weeks was statistically significantly greater for the 800 mg (4%) and 400 mg (57%) MA-treated groups than for the placebo group (24%). Mean weight increased from baseline to lost evaluation in 12 study weeks in the 800 mg MA-treated groups by 0.3 kg, the 400 mg MA group by 1.9 kg, the 100 mg MA group by 0.9 kg and decreased in the placebo group by 0.7 kg. Mean weight changes at 4, 8 and 12 weeks for patients evaluable for efficacy in the two clinical trids is shown graphically. Changes in body composition during the 12 study weeks as measured by biselectrical impedance analysis showed increases in non-water body weight in the MA-treated groups. In addition, edema developed or worsened in only 3 patients.

**Greater parcentages of MA-treated antisents in the 800 mg aroun (27%). The All Drop group (47%) and the 100 mg aroun (47%).

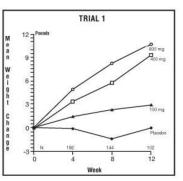
Greater percentages of MA-treated poinets in the 800 mg group (89%), the 400 mg group (68%) and the 100 mg group (72%), than in the placebo group (50%), showed an improvement in appetite at last evaluation during the 12 study weeks. A statistically significant difference was observed between the 800 mg MA-treated group and the placebo group in the change in caloric intake from baseline to time of maximum weight change. Patients were asked to assess weight change, appetite, appearance, and overall perception of well-being in a 9 question survey. At maximum weight change, only the 800 mg MA-treated group gave responses that were statistically significantly more favorable to all questions when compared to the placebo-treated group. A dose response was noted in the survey with positive responses correlating with higher dose for all questions.

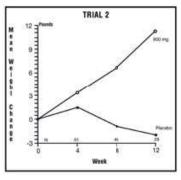
The second trial was a multicenter, randomized, double-blind, placebo-controlled study comparing megestral actatate 800 mg/day versus placebo in AIDS patients with annovatio/cacheasia and significant weight loss. Of the 100 patients entered on study, 65 met all inclusion/exclusion criteria, had at least two additional post baseline weight measurements over a 12 week period or had one post baseline weight measurement but dropped out for therapeutic failure. Patients in the 800 mg/day that the 800 mg/da

In both trials, patients tolerated the drug well and no statistically significant differences were seen between the treatment group: with regard to laboratory abnormalities, new opportunistic infections, lymphocyte counts, T4 counts, T8 counts, or skin reactivity tests [see Adverse Reactions (6)].

Table 2: Megestrol Acetate Oral Suspension Clinical Efficacy Trials

Megestrol Acetate Oral Suspension Clinical Efficacy Trials											
		Tric Study Acc 11/88 t	Trial 2 Study Accrual Dates 5/89 to 4/91								
Megestrol Acetate, mg/day Entered Patients Evaluable Patients	0 38 28	100 82 61	400 75 53	800 75 53	0 48 29	800 52 36					
Mean Change in Weight (kg) Baseline to 12 Weeks	0.0	1.3	4.2	4.9	-1.0	5.1					
% Patients ≥2.3 kg Gain at Last Evaluation in 12 Weeks	21	44	57	64	28	47					
Mean Changes in Body Composition": Fat Body Mass (kg) Lean Body Mass (kg) Water (liters)	0.0 -0.8 -1.3	1.0 -0.1 -0.3	1.3 0.7 0.0	2.5 1.1 0.0	0.7 -0.7 -0.1	2.6 -0.3 -0.1					
% Patients With Improved Appetite: At Time of Maximum Weight Change At Last Evaluation in 12 Weeks	50 50	72 72	72 68	93 89	48 38	69 67					
Mean Change in Daily Caloric Intake: Baseline to Time of Maximum Weight Change	-107	326	308	646	30	464					
* Based on bioelectrical impedance analysis determinatio	ns at last evalue	ation in 12	weeks.								





16 HOW SUPPLIED/STORAGE AND HANDLING

16.1 How Supplied

Megestrol acetate oral suspension is a milky white, lemon flavored oral suspension containing 125 mg of megestrol acetate per mL. Available in bottles of 150 mL (5 fl az) NDC 24979-041-13.

Store megestrol acetate oral suspension between 20° to 25° C (68° to 77° F) and dispense in a tight container. Protect from heat.

16.3 Safe Handling

Health Hazard Data

There is no threshold limit value established by OSHA, NIOSH, or ACGIH. Exposure or overdose at levels approaching recommended dosing levels could result in side effects described above [see Warnings and Precautions (5) and Adverse Reactions (6)]. Women at risk of pregnancy should avoid such exposure.

17 PATIENT COUNSELING INFORMATION

The prescriber should inform the patient about the product differences to avoid overdosing or underdosing of megestrol acetate. The recommended adult dosage of megestrol acetate oral suspension is one teaspoon (5 mL) once a day [see Dosage and Administration (2)].

Patients using megestrol acetate oral suspension should receive the following instructions

- Internsising inegestral accentee via suspensions insural receive me innowing instructions.

 This medication is to be used as directed by the physician.

 Megestral accetate and suspension (625 mg/5 ml.) does not contain the same amount of megestral accetate as Megace and suspension or any of the other megestral accetate and suspensions. Megestral accetate and suspension contains 625 mg of megestral accetate per 5 ml. (125 mg/ml.) whereas Megace and suspension and other megestral accetate and suspensions are supported as the suspensions. contain 800 mg per 20 mL (40 mg/mL).
- Report any adverse reaction experiences while taking this medication.
 Fetal Toxicity [see Warnings and Precautions (5.2), Use in Specific Populations (8.1, 8.3)]
- Advise pregnant women and females of reproductive potential of the potential risk to a fetus. Advise females to inform
 their healthcare provider of a known or suspected pregnancy.
- Advise female patients of reproductive potential to use effective contraception during treatment with megestrol acetate oral
- Lactation [see Use in Specific Populations (8.2)]
- Advise mothers not to breastfeed because of the risk of passing the HIV-1 virus to the baby in breast milk.

TWi Pharmaceuticals USA. Inc

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