

ClinicalTrials.gov Protocol and Results Registration System (PRS) Receipt  
Release Date: 05/02/2014

Grantor: CDER IND/IDE Number: 51-222 Serial Number:

## A Trial of Degarelix in Patients With Prostate Cancer

This study has been completed.

Sponsor:	Ferring Pharmaceuticals
Collaborators:	
Information provided by (Responsible Party):	Ferring Pharmaceuticals
ClinicalTrials.gov Identifier:	NCT00946920

### Purpose

A phase 3, open-label, parallel group, one year trial comparing the efficacy and safety of degarelix 3-month depot with the established therapy goserelin acetate 3-month implant in patients with prostate cancer.

Condition	Intervention	Phase
Prostate Cancer	Drug: Degarelix Drug: Goserelin acetate	Phase 3

Study Type: Interventional

Study Design: Treatment, Parallel Assignment, Open Label, Randomized, Safety/Efficacy Study

Official Title: An Open-Label, Multi-Centre, Randomised, Parallel-Arm One-Year Trial, Comparing the Efficacy and Safety of Degarelix Three-Month Dosing Regimen With Goserelin Acetate in Patients With Prostate Cancer Requiring Androgen Deprivation Therapy

Further study details as provided by Ferring Pharmaceuticals:

Primary Outcome Measure:

- Cumulative Probability of Testosterone at Castrate Level ( $\leq 0.5$  ng/mL) With Degarelix [Time Frame: From Day 28 to Day 364] [Designated as safety issue: No]

This co-primary outcome measure was used to demonstrate that degarelix is effective with respect to achieving and maintaining testosterone suppression to castrate levels, evaluated as the proportion of patients with testosterone suppression  $\leq 0.5$  ng/mL from Day 28 to Day 364.

- Difference in Cumulative Probability of Testosterone at Castrate Level ( $\leq 0.5$  ng/mL) Between Degarelix and Goserelin [Time Frame: Day 3 to Day 364] [Designated as safety issue: No]

This co-primary outcome measure was used to establish non-inferiority of degarelix as compared to goserelin with regard to achieving and maintaining testosterone suppression at castrate levels ( $\leq 0.5$  ng/mL) from Day 3 to Day 364, using a non-inferiority margin of 5 percentage points.

Secondary Outcome Measures:

- Serum Levels of Testosterone Over Time [Time Frame: Baseline and after 1, 2, 3, 6 and 13 months] [Designated as safety issue: No]  
Median testosterone levels are presented as absolute values at Baseline (in Baseline measures) and after 1, 2, 3, 6 and 13 months (below). One treatment month equals 28 days.
- Percent Change in Serum Levels of Prostate-specific Antigen (PSA) Over Time [Time Frame: Baseline and after 1, 2, 3, 6 and 13 months] [Designated as safety issue: No]  
Serum PSA levels are presented as mean percent change from Baseline (in Baseline measures) after 1, 2, 3, 6 and 13 months. One treatment month equals 28 days.
- Change in Health-related Quality of Life (HRQoL), as Measured by Short Form-36 (SF-36) Score at Month 10 and Month 13 Compared to Baseline [Time Frame: At baseline, 10 months and 13 months] [Designated as safety issue: No]  
The SF-36 is a multi-purpose, short-form health survey with only 36 questions and with a minimum score of 0 and a maximum score of 100. The higher score the better health. It yields an 8-scale profile of functional health and well-being scores as well as psychometrically-based physical and mental health summary measures and a preference-based health utility index. The SF-36 has proven useful in surveys of general and specific populations, comparing the relative burden of diseases, and in differentiating the health benefits produced by a wide range of different treatments.
- Change in International Prostate Symptom Score (IPSS) Score at Months 1, 4, 7, and 13 Compared to Baseline [Time Frame: At baseline, 1 month, 4 months, 7 months and 13 months] [Designated as safety issue: No]  
IPSS is used to assess severity of lower urinary tract symptoms and to monitor the progress of symptoms once treatment has been initiated. It contains 7 questions regarding incomplete emptying, frequency, intermittency, urgency, weak stream, straining, and nocturia. Each question is assigned a score of 0-5 (i.e. the minimum total score is 0 and the maximum is 35). A score of "0" corresponds to a response of "not at all" for the first six symptoms and "none" for nocturia, and a score of 5 corresponds to a response of "almost always" for the first six symptoms and "5 times or more" for nocturia.

Enrollment: 859

Study Start Date: June 2009

Primary Completion Date: March 2011

Study Completion Date: March 2011

Arms	Assigned Interventions
Experimental: Degarelix 240 mg/480 mg	<p>Drug: Degarelix</p> <p>The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).</p> <p>Other Names: Firmagon</p>

Arms	Assigned Interventions
	FE200486
Active Comparator: Goserelin acetate	<p>Drug: Goserelin acetate  The goserelin doses were administered by subcutaneous (s.c.) implants into the abdominal wall. An initial dose of 3.6 mg goserelin was administered on Day 0. One month later a subsequent dose of 10.8 mg was administered and this was repeated after 4, 7, and 10 months (ie a total of 5 implants).</p> <p>Other Names:  Zoladex</p>

## Eligibility

Ages Eligible for Study: 18 Years and older

Genders Eligible for Study: Male

Accepts Healthy Volunteers: No

### Criteria

#### Inclusion Criteria:

- 18 years or older.
- Has a histological confirmed prostate cancer (Gleason graded).
- Has a screening testosterone above 2.2 ng/mL.
- Rising prostate-specific antigen (PSA).
- Has Eastern Cooperative Oncology Group (ECOG) score of  $\leq 2$ .
- Has a life expectancy of at least one year.

#### Exclusion Criteria:

- Current or previous hormone therapy.
- Has received therapy with finasteride and dutasteride within 12 weeks and 25 weeks, respectively, prior to screening.
- Has a history of severe untreated asthma, anaphylactic reactions, or severe urticaria and/or angioedema.
- Has a heart insufficiency.
- Has a previous history or presence of another malignancy, other than prostate cancer or treated squamous/basal cell carcinoma of the skin, within the last five years.
- Has a clinically significant medical condition (other than prostate cancer) including, but not limited to, renal, haematological, gastrointestinal, endocrine, cardiac, neurological, or psychiatric disease and alcohol or drug abuse or any other condition which may affect the patient's health or the outcome of the trial as judged by the Investigator.
- Has received an investigational drug within the last 28 days before the Screening Visit or longer if considered to possibly influencing the outcome of the current trial.
- Is candidate for curative therapy, i.e. radical prostatectomy or radiotherapy.

## Contacts and Locations

### Locations

United States, Alabama

Urology Centers Of Alabama

Homewood, Alabama, United States

United States, Arkansas

Arkansas Urology

Little Rock, Arkansas, United States

United States, California

Advanced Urology Medical Center

Anaheim, California, United States

Urology Associates of Central CA

Fresno, California, United States

MEDRESEARCH

La Mesa, California, United States

South Orange County Medical Research Center

Laguna Hills, California, United States

Atlantic Urology Medical Group

Long Beach, California, United States

San Diego Uro-Research

San Diego, California, United States

United States, Colorado

Anschutz Cancer Pavillion

Aurora, Colorado, United States

The Urology Center of Colorado

Denver, Colorado, United States

United States, Connecticut

Urological Associates of Bridgeport, P.C.

Trumbull, Connecticut, United States

United States, Delaware

Urology Associates of Dover, PA

Dover, Delaware, United States

United States, District of Columbia

Walter Reed Army Medical Center

Washington, District of Columbia, United States

United States, Florida

South Florida Medical Research

Aventura, Florida, United States

Specialists in Urology

Naples, Florida, United States

Florida Foundation for Healthcare Research

Ocala, Florida, United States

Georgis Patsias, MD, PA

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Wellington, Florida, United States  
United States, Georgia  
Midtown Urology  
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Indiana University Department of Urology  
Indianapolis, Indiana, United States  
United States, Kansas  
Kansas City Urology Care, PA  
Overland Park, Kansas, United States  
United States, Louisiana  
Regional Urology  
Shreveport, Louisiana, United States  
United States, Nevada  
Sheldon J. Freedman, Md, Ltd.  
Las Vegas, Nevada, United States  
United States, New Jersey  
Urological Associates of Englewood  
Englewood, New Jersey, United States  
Hamilton Urology PA  
Hamilton, New Jersey, United States  
Lawrenceville Urology  
Lawrenceville, New Jersey, United States  
United States, New Mexico  
Urology Group of New Mexico, PC  
Albuquerque, New Mexico, United States  
United States, New York  
Capital Region Urological Surgeons and Research Associates  
Albany, New York, United States  
Medical and Clinical Research Associates, LLC  
Bayshore, New York, United States  
Hudson Valley Urology P.C.  
Poughkeepsie, New York, United States  
United States, North Carolina  
Metrolina Urology Clinic  
Charlotte, North Carolina, United States  
Northeast Urology Research  
Concord, North Carolina, United States  
Duke University Medical Center  
Durham, North Carolina, United States  
Alliance Urology Specialists  
Greensboro, North Carolina, United States  
Coastal Urology, PLLC

Wilmington, North Carolina, United States  
United States, Pennsylvania  
Urologic Consultants of SEPA  
Bala Cynwyd, Pennsylvania, United States  
State College Urologic Association  
State College, Pennsylvania, United States  
United States, South Carolina  
Grand Strand Urology  
Myrtle Beach, South Carolina, United States  
United States, Texas  
Urology Clinics of North Texas, PA  
Dallas, Texas, United States  
Urology San Antonio Research  
San Antonio, Texas, United States  
United States, Virginia  
Urology of Virginia  
Norfolk, Virginia, United States  
Virginia Urology Center  
Richmond, Virginia, United States  
Urology of Virginia  
Virginia Beach, Virginia, United States  
United States, Washington  
Seattle Urology Research Center  
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Roger D. Fincher, MD, PS  
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Belgium  
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UZ Antwerpen  
Edegem, Belgium  
UZ Gent  
Gent, Belgium  
AZ Groeninge - Campus Sint-Maarten  
Kortrijk, Belgium  
UZ Leuven  
Leuven, Belgium  
Canada  
Notre Dame Hopital  
Montreal, Canada  
Canada, British Columbia  
Southern Interior Medical Research Inc.  
Kelowna, British Columbia, Canada  
Dr. Cal Andreou Research  
Surrey, British Columbia, Canada

Can-Med Clinical Research Inc.  
Victoria, British Columbia, Canada  
Dr Gary Steinhoff Clinical Research  
Victoria, British Columbia, Canada

Canada, Ontario

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Mor Urology, Inc.  
Newmarket, Ontario, Canada  
Investigational site  
Scarborough, Ontario, Canada  
Anthony Skehan Medicine Professionals Corporation  
Thunder Bay, Ontario, Canada  
The Male Health Center  
Toronto, Ontario, Canada  
Bloor West Professional Center  
Toronto, Ontario, Canada  
Sunnybrook Health Science Centre  
Toronto, Ontario, Canada  
The Health Institute for Men  
Toronto, Ontario, Canada

Canada, Quebec

Uro Laval  
Laval, Quebec, Canada

Czech Republic

Urocentrum Brno  
Brno, Czech Republic  
Nemocnice Jindrichuv Hradec, a.s.  
Jindrichuv Hradec, Czech Republic  
Kromerizska nemocnice a.s.  
Kromeriz, Czech Republic  
Slezska nemocnice  
Opava, Czech Republic  
Vseobecna fakultni nemocnice v Praze, Praha 2  
Prague, Czech Republic  
Fakultni nemocnice v Motole, Praha 5  
Prague, Czech Republic  
Fakultni Thomayerova nemocnice s poliklinikou, Praha 4  
Prague, Czech Republic  
Krajska nemocnice T. Bati a.s.  
Zlin, Czech Republic

Finland

Pohjois-Karjalan keskussairaala

Joensuu, Finland  
Päijät-Hämeen keskussairaala  
Lahti, Finland  
ODL Terveys Oy  
Oulu, Finland  
Pietarsaaren sairaala/ Malmin terveydenhuoltoalue  
Pietarsaari, Finland  
Terveystalo, Kirurgikeskus  
Seinäjoen, Finland  
Tampereen yliopistollinen sairaala  
Tampere, Finland

#### Germany

Investigational site  
Aachen, Germany  
Investigational site  
Kirchheim, Germany  
Klinikum Mannheim Universitätsklinikum GmbH  
Mannheim, Germany  
Urologische Studienpraxis  
Nürtingen, Germany  
Universitätsklinikum Tübingen  
Tübingen, Germany

#### Hungary

Fővárosi Önkormányzat uzsoki utcai Kórház  
Budapest, Hungary  
Fővárosi Önkormányzat Bajcsy-Zsilinszky Kórház  
Budapest, Hungary  
Semmelweis Egyetem  
Budapest, Hungary  
Dombóvári Szent Lukács Egészségügyi Kht.  
Dombovár, Hungary  
Miskolci Semmelweis Ignác Egészségügyi Központ és Egyetemi Oktató Kórház Nonprofit Kft  
Miskolc, Hungary  
Borsod-Abaúj-Zemplén Megyei Kórház és Egyetemi Oktató Kórház  
Miskolc, Hungary  
Pécsi Tudományegyetem  
Pécs, Hungary  
Szegedi Tudományegyetem Szent-Györgyi Albert Klinikai Központ  
Szeged, Hungary  
Jávorszky Ödön Kórház  
Vác, Hungary

#### Mexico

Consultorio de Especialidad en Urologia Privado, Durango  
Durango, Mexico  
Centro Medico Dalinde

Mexico City, Mexico  
Operadora MSB, S.A. de C.V. (Medica Sur CIF-BIOTEC)  
Mexico City, Mexico  
Hospital Angeles Lindavista  
Mexico City, Mexico  
Hospital y Clinica OCA, S.A. de C.V.  
Monterrey N.L., Mexico  
Hospital "Dr. Angel Leaño" (Universidad Autonoma de Guadalajara, A.C.)  
Zapopan, Jalisco, Mexico  
Consultorio Medico  
Zapopan, Jalisco, Mexico  
Hospital Christus Muguerza del Parque  
Chihuahua, Chihuahua, Mexico  
Hospital Aranda de la Parra , S.A. de C.V.  
Leon, GTO, Mexico  
Hospital Angeles Culiacan  
Culiacan, Sinaloa, Mexico

#### Netherlands

AMC  
Amsterdam, Netherlands  
MC Haaglanden  
Den Haag, Netherlands  
HagaZiekenhuis  
Den Haag, Netherlands  
Catharina-ziekenhuis  
Eindhoven, Netherlands  
Atrium MC  
Heerlen, Netherlands

#### Poland

SPZOZ Wojewodzki Szpital Zespolony im. J.Sniadeckiego  
Bialystok, Poland  
Centrum Medyczne Medur Sp. z o.o.  
Bielsko-Biala, Poland  
Samodzielny Publiczny Szpital Kliniczny Nr 1  
Gdansk, Poland  
Niepubliczny Zaklad Opieki Zdrowotnej Avimed Sp. z o.o.  
Katowice, Poland  
Gabinet Lekarski  
Krakow, Poland  
Wojewodzki Szpital Specjalistyczny w Siedlcach  
Siedlce, Poland  
Wojewodzki Szpital Specjalistyczny im. Janusza Korczaka w Slupsku  
Slupsk, Poland  
Szpital Kliniczny Dzieciatka Jezus - Centrum Leczenia Obrazen  
Warszawa, Poland

Centrum Diagnostyki Medycznej MULTI-MED Hanna Brusikiewicz i Spolka - spolka jawna

Warszawa, Poland

Centrum Onkologii Instytut im. Marii Skłodowskiej-Curie

Warszawa, Poland

LexMedica

Wroclaw, Poland

#### Romania

Private Medical Center

Arad, Romania

Brasov Emergency Clinical County Hospital

Brasov, Romania

"Sfantul Ioan" Emergency Clinical Hospital

Bucharest, Romania

"Fundeni" Clinical Institute

Bucharest, Romania

Dinu Uromedica

Bucharest, Romania

Prof. Dr. Th. Burghele Clinical Urology Hospital

Bucharest, Romania

PROVITA 2000 Medical Center

Constanta, Romania

"Dr. C.I. Parhon" Clinical Hospital

Lasi, Romania

Vita Care Flav Medical Center

Pitesti, Romania

Emergency County Clinical Hospital Sibiu

Sibiu, Romania

#### Russian Federation

Russian State Medical University

Moscow, Russian Federation

Moscow State University of Medicine and Dentistry

Moscow, Russian Federation

City Clinical Hospital #60

Moscow, Russian Federation

"Clinic Andros" LLC

St. Petersburg, Russian Federation

City Hospital # 26

St. Petersburg, Russian Federation

St. Petersburg State Medical University n.a. I.P. Pavlov

St. Petersburg, Russian Federation

City Hospital #15

St. Petersburg, Russian Federation

"Orkli" LLC

St. Petersburg, Russian Federation

St.Petersburg Multi-Field City Hospital #2

St. Petersburg, Russian Federation  
Regional Clinical Oncology Center  
Vladimir, Russian Federation

Ukraine

Municipal Institution "Cherkasy Regional Oncology Dispensary"  
Cherkassy, Ukraine  
Dnipropetrovsk State Medical Academy  
Dnipropetrovsk, Ukraine  
Donetsk Regional Clinical Territorial Medical Association  
Donetsk, Ukraine  
Ivano-Frankivsk Regional Oncology Dispensary  
Ivano-Frankivsk, Ukraine  
Regional Clinical Center of Urology and Nephrology n.a. V.I.Shapoval  
Kharkiv, Ukraine  
Regional Municipal Institution "Kryvyy Rig Oncology Dispensary"  
Kryvyi Rih, Ukraine  
Kyiv City Clinical Hospital #3  
Kyiv, Ukraine  
State Institution "Urology Institute of Academy of Medical Sciences of Ukraine"  
Kyiv, Ukraine  
Odesa Regional Clinical Hospital  
Odesa, Ukraine  
Municipal Institution "Zaporizhzhia Regional Clinical Hospital"  
Zaporizhzhya, Ukraine

United Kingdom

Castle Hill Hospital  
Cottingham, United Kingdom  
Ipswich Hospital  
Ipswich, United Kingdom  
Royal Liverpool University Hospital  
Liverpool, United Kingdom  
St Mary's Hospital  
London, United Kingdom  
Derriford Hospital  
Plymouth, United Kingdom  
The Royal Marsden NHS Foundation Trust  
Sutton, United Kingdom

Investigators

Study Director:

Clinical Development Support

Ferring Pharmaceuticals

 More Information

Responsible Party: Ferring Pharmaceuticals

Study ID Numbers: FE200486 CS35  
 2008-005276-27 [EudraCT Number]

Health Authority: United States: Food and Drug Administration  
 Canada: Health Canada  
 Mexico: Ministry of Health  
 Belgium: Federal Agency for Medicines and Health Products, FAMHP  
 Finland: Finnish Medicines Agency  
 Germany: Ministry of Health  
 Netherlands: Ministry of Health, Welfare and Sport  
 United Kingdom: National Health Service  
 Czech Republic: State Institute for Drug Control  
 Hungary: National Institute of Pharmacy  
 Poland: Ministry of Health  
 Romania: National Medicines Agency  
 Russia: Ministry of Health of the Russian Federation  
 Ukraine: Ministry of Health

## Study Results

### Participant Flow

Recruitment Details	Subjects who met the eligibility criteria were randomized to degarelix or goserelin acetate treatment in a 2:1-ratio. 859 subjects were randomized but 11 subjects did not receive any treatment.
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#### Reporting Groups

	Description
Degarelix 240 mg/480 mg	Degarelix: The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).
Goserelin Acetate	Goserelin acetate: The goserelin doses were administered by subcutaneous (s.c.) implants into the abdominal wall. An initial dose of 3.6 mg goserelin was administered on Day 0. One month later a subsequent dose of 10.8 mg was administered and this was repeated after 4, 7, and 10 months (ie a total of 5 implants).

#### Overall Study

	Degarelix 240 mg/480 mg	Goserelin Acetate
Started	565 <sup>[1]</sup>	283 <sup>[2]</sup>
Full Analysis Set (FAS)	565 <sup>[3]</sup>	282 <sup>[4]</sup>

	Degarelix 240 mg/480 mg	Goserelin Acetate
Completed	455	239
Not Completed	110	44
Withdrawal by Subject	28	15
Lost to Follow-up	2	2
Physician Decision	5	2
Adverse Event	41	14
Protocol Violation	16	8
Miscellaneous reasons	18	3

[1] Received at least one dose of degarelix.

[2] Received at least one dose of goserelin acetate.

[3] Received at least one dose of degarelix and had at least one post-dosing efficacy assessment.

[4] Received at least one dose of goserelin and had at least one post-dosing efficacy assessment.

## Baseline Characteristics

### Analysis Population Description FAS

#### Reporting Groups

	Description
Degarelix 240 mg/480 mg	Degarelix: The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).
Goserelin Acetate	Goserelin acetate: The goserelin doses were administered by subcutaneous (s.c.) implants into the abdominal wall. An initial dose of 3.6 mg goserelin was administered on Day 0. One month later a subsequent dose of 10.8 mg was administered and this was repeated after 4, 7, and 10 months (ie a total of 5 implants).

#### Baseline Measures

	Degarelix 240 mg/480 mg	Goserelin Acetate	Total
Number of Participants	565	282	847
Age, Continuous [units: years] Mean (Standard Deviation)	71.9 (8.3)	71.1 (7.9)	71.6 (8.2)

	Degarelix 240 mg/480 mg	Goserelin Acetate	Total
Gender, Male/Female [units: participants]			
Female	0	0	0
Male	565	282	847
Race (NIH/OMB) [units: participants]			
American Indian or Alaska Native	45	25	70
Asian	4	1	5
Native Hawaiian or Other Pacific Islander	0	1	1
Black or African American	41	16	57
White	475	239	714
More than one race	0	0	0
Unknown or Not Reported	0	0	0
Median Baseline Serum Testosterone Levels (ng/mL) [units: ng/mL] Median (Full Range)	4.52 (0.56 to 14.5)	4.62 (0.07 to 13.2)	4.54 (0.07 to 14.5)
Median Baseline Serum Prostate-specific Antigen Levels (ng/mL) [units: ng/mL] Median (Full Range)	19.0 (0.26 to 8762)	19.1 (0.01 to 12961)	19.0 (0.01 to 12961)
Baseline Short Form-36 (SF-36) Total Scores <sup>[1]</sup> [units: units on a scale] Mean (Standard Deviation)	49.7 (11.5)	50.2 (11.4)	49.9 (11.4)
Baseline Total International Prostate Symptom Scores (IPSS) <sup>[2]</sup> [units: units on a scale] Mean (Standard Deviation)	11.8 (7.93)	11.6 (8.02)	11.7 (7.96)

[1] The SF-36 is a multi-purpose, short-form health survey with only 36 questions and with a minimum score of 0 and a maximum score of 100. The higher score the better health. It yields an 8-scale profile of functional health and well-being scores as well as

psychometrically-based physical and mental health summary measures and a preference-based health utility index. The SF-36 has proven useful in surveys of general and specific populations, comparing the relative burden of diseases, and in differentiating the health benefits produced by a wide range of different treatments.

- [2] IPSS is used to assess severity of lower urinary tract symptoms and to monitor the progress of symptoms once treatment has been initiated. It contains 7 questions regarding incomplete emptying, frequency, intermittency, urgency, weak stream, straining, and nocturia. Each question is assigned a score of 0-5 (i.e. the minimum total score is 0 and the maximum is 35). A score of “0” corresponds to a response of “not at all” for the first six symptoms and “none” for nocturia, and a score of 5 corresponds to a response of “almost always” for the first six symptoms and “5 times or more” for nocturia.

## ► Outcome Measures

### 1. Primary Outcome Measure:

Measure Title	Cumulative Probability of Testosterone at Castrate Level ( $\leq 0.5$ ng/mL) With Degarelix
Measure Description	This co-primary outcome measure was used to demonstrate that degarelix is effective with respect to achieving and maintaining testosterone suppression to castrate levels, evaluated as the proportion of patients with testosterone suppression $\leq 0.5$ ng/mL from Day 28 to Day 364.
Time Frame	From Day 28 to Day 364
Safety Issue?	No

Analysis Population Description  
FAS.

### Reporting Groups

	Description
Degarelix 240 mg/480 mg	Degarelix: The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).

### Measured Values

	Degarelix 240 mg/480 mg
Number of Participants Analyzed	565
Cumulative Probability of Testosterone at Castrate Level ( $\leq 0.5$ ng/mL) With Degarelix [units: percentage of participants] Number (95% Confidence Interval)	90.0 (87.0 to 92.3)

## 2. Primary Outcome Measure:

Measure Title	Difference in Cumulative Probability of Testosterone at Castrate Level ( $\leq 0.5$ ng/mL) Between Degarelix and Goserelin
Measure Description	This co-primary outcome measure was used to establish non-inferiority of degarelix as compared to goserelin with regard to achieving and maintaining testosterone suppression at castrate levels ( $\leq 0.5$ ng/mL) from Day 3 to Day 364, using a non-inferiority margin of 5 percentage points.
Time Frame	Day 3 to Day 364
Safety Issue?	No

### Analysis Population Description FAS.

### Reporting Groups

	Description
Degarelix 240 mg/480 mg	Degarelix: The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).
Goserelin Acetate	Goserelin acetate: The goserelin doses were administered by subcutaneous (s.c.) implants into the abdominal wall. An initial dose of 3.6 mg goserelin was administered on Day 0. One month later a subsequent dose of 10.8 mg was administered and this was repeated after 4, 7, and 10 months (ie a total of 5 implants).

### Measured Values

	Degarelix 240 mg/480 mg	Goserelin Acetate
Number of Participants Analyzed	565	282
Difference in Cumulative Probability of Testosterone at Castrate Level ( $\leq 0.5$ ng/mL) Between Degarelix and Goserelin [units: percentage of participants] Number (95% Confidence Interval)	85.0 (81.6 to 87.8)	5.3 (3.1 to 8.4)

### Statistical Analysis 1 for Difference in Cumulative Probability of Testosterone at Castrate Level ( $\leq 0.5$ ng/mL) Between Degarelix and Goserelin

Statistical Analysis Overview	Comparison Groups	Degarelix 240 mg/480 mg, Goserelin Acetate
	Comments	The cumulative probability of testosterone $\leq 0.5$ ng/mL from Day 3 to Day 364 was estimated by the Kaplan-Meier method. Only testosterone measurements taken at scheduled trial visits from Day 3 to Day 364 were included in the analysis. The hypothesis to test was the following: a non-inferiority assessment determined whether degarelix was non-inferior to goserelin with respect to the cumulative probability of testosterone $\leq 0.5$ ng/mL from Day 3 to Day 364.

	Non-Inferiority or Equivalence Analysis?	Yes
	Comments	The non-inferiority limit for the difference between treatments (degarelix versus goserelin acetate) was chosen to be -5 percentage points.

Method of Estimation	Estimation Parameter	Other [Kaplan-Meier estimate]
	Estimated Value	79.6
	Confidence Interval	(2-Sided) 95% 75.6 to 83.7
	Estimation Comments	[Not specified]

### 3. Secondary Outcome Measure:

Measure Title	Serum Levels of Testosterone Over Time
Measure Description	Median testosterone levels are presented as absolute values at Baseline (in Baseline measures) and after 1, 2, 3, 6 and 13 months (below). One treatment month equals 28 days.
Time Frame	Baseline and after 1, 2, 3, 6 and 13 months
Safety Issue?	No

### Analysis Population Description FAS.

### Reporting Groups

	Description
Degarelix 240 mg/480 mg	Degarelix: The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).
Goserelin Acetate	Goserelin acetate: The goserelin doses were administered by subcutaneous (s.c.) implants into the abdominal wall. An initial dose of 3.6 mg goserelin was administered on Day 0. One month later a subsequent dose of 10.8 mg was administered and this was repeated after 4, 7, and 10 months (ie a total of 5 implants).

### Measured Values

	Degarelix 240 mg/480 mg	Goserelin Acetate
Number of Participants Analyzed	565	282
Serum Levels of Testosterone Over Time [units: ng/mL] Median (Full Range)		

	Degarelix 240 mg/480 mg	Goserelin Acetate
Month 1	0.10 (0.015 to 3.85)	0.16 (0.04 to 1.77)
Month 2	0.09 (0.015 to 0.41)	0.10 (0.015 to 0.5)
Month 3	0.09 (0.015 to 3.24)	0.09 (0.015 to 5.4)
Month 6	0.09 (0.015 to 1.57)	0.09 (0.015 to 0.32)
Month 13	0.11 (0.015 to 4.19)	0.09 (0.015 to 0.95)

#### 4. Secondary Outcome Measure:

Measure Title	Percent Change in Serum Levels of Prostate-specific Antigen (PSA) Over Time
Measure Description	Serum PSA levels are presented as mean percent change from Baseline (in Baseline measures) after 1, 2, 3, 6 and 13 months. One treatment month equals 28 days.
Time Frame	Baseline and after 1, 2, 3, 6 and 13 months
Safety Issue?	No

#### Analysis Population Description FAS.

#### Reporting Groups

	Description
Degarelix 240 mg/480 mg	Degarelix: The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).
Goserelin Acetate	Goserelin acetate: The goserelin doses were administered by subcutaneous (s.c.) implants into the abdominal wall. An initial dose of 3.6 mg goserelin was administered on Day 0. One month later a subsequent dose of 10.8 mg was administered and this was repeated after 4, 7, and 10 months (ie a total of 5 implants).

#### Measured Values

	Degarelix 240 mg/480 mg	Goserelin Acetate
Number of Participants Analyzed	565	282
Percent Change in Serum Levels of Prostate-specific Antigen (PSA) Over Time [units: percent change] Mean (Standard Deviation)		

	Degarelix 240 mg/480 mg	Goserelin Acetate
Month 1	-77 (23.7)	-57 (45.7)
Month 2	-89 (12.6)	-86 (18.1)
Month 3	-90 (15.4)	-86 (58.6)
Month 6	-90 (30.5)	-91 (18.2)
Month 13	-82 (104)	-77 (146)

#### 5. Secondary Outcome Measure:

Measure Title	Change in Health-related Quality of Life (HRQoL), as Measured by Short Form-36 (SF-36) Score at Month 10 and Month 13 Compared to Baseline
Measure Description	The SF-36 is a multi-purpose, short-form health survey with only 36 questions and with a minimum score of 0 and a maximum score of 100. The higher score the better health. It yields an 8-scale profile of functional health and well-being scores as well as psychometrically-based physical and mental health summary measures and a preference-based health utility index. The SF-36 has proven useful in surveys of general and specific populations, comparing the relative burden of diseases, and in differentiating the health benefits produced by a wide range of different treatments.
Time Frame	At baseline, 10 months and 13 months
Safety Issue?	No

#### Analysis Population Description FAS.

#### Reporting Groups

	Description
Degarelix 240 mg/480 mg	Degarelix: The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).
Goserelin Acetate	Goserelin acetate: The goserelin doses were administered by subcutaneous (s.c.) implants into the abdominal wall. An initial dose of 3.6 mg goserelin was administered on Day 0. One month later a subsequent dose of 10.8 mg was administered and this was repeated after 4, 7, and 10 months (ie a total of 5 implants).

#### Measured Values

	Degarelix 240 mg/480 mg	Goserelin Acetate
Number of Participants Analyzed	565	282

	Degarelix 240 mg/480 mg	Goserelin Acetate
Change in Health-related Quality of Life (HRQoL), as Measured by Short Form-36 (SF-36) Score at Month 10 and Month 13 Compared to Baseline [units: units on a scale] Mean (Standard Deviation)		
Month 10	0.52 (11.1)	0.27 (10.6)
Month 13	0.18 (10.9)	-0.87 (9.76)

#### 6. Secondary Outcome Measure:

Measure Title	Change in International Prostate Symptom Score (IPSS) Score at Months 1, 4, 7, and 13 Compared to Baseline
Measure Description	IPSS is used to assess severity of lower urinary tract symptoms and to monitor the progress of symptoms once treatment has been initiated. It contains 7 questions regarding incomplete emptying, frequency, intermittency, urgency, weak stream, straining, and nocturia. Each question is assigned a score of 0-5 (i.e. the minimum total score is 0 and the maximum is 35). A score of "0" corresponds to a response of "not at all" for the first six symptoms and "none" for nocturia, and a score of 5 corresponds to a response of "almost always" for the first six symptoms and "5 times or more" for nocturia.
Time Frame	At baseline, 1 month, 4 months, 7 months and 13 months
Safety Issue?	No

#### Analysis Population Description FAS.

#### Reporting Groups

	Description
Degarelix 240 mg/480 mg	Degarelix: The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).
Goserelin Acetate	Goserelin acetate: The goserelin doses were administered by subcutaneous (s.c.) implants into the abdominal wall. An initial dose of 3.6 mg goserelin was administered on Day 0. One month later a subsequent dose of 10.8 mg was administered and this was repeated after 4, 7, and 10 months (ie a total of 5 implants).

#### Measured Values

	Degarelix 240 mg/480 mg	Goserelin Acetate
Number of Participants Analyzed	565	282

	Degarelix 240 mg/480 mg	Goserelin Acetate
Change in International Prostate Symptom Score (IPSS) Score at Months 1, 4, 7, and 13 Compared to Baseline [units: units on a scale] Mean (Standard Deviation)		
Month 1	-1.06 (6.27)	-0.21 (6.22)
Month 4	-2.31 (6.65)	-1.74 (6.16)
Month 7	-2.47 (6.94)	-2.45 (6.80)
Month 13	-2.04 (7.28)	-1.52 (6.25)

## ▶ Reported Adverse Events

Time Frame	Adverse events were recorded from signed informed consent until the end-of-trial visit, Day 364 (Month 13).
Additional Description	Adverse events were evaluated at each visit.

### Reporting Groups

	Description
Degarelix 240 mg/480 mg	Degarelix: The degarelix doses were administered by subcutaneous (s.c.) injections into the abdominal wall. A starting dose of 240 mg degarelix was administered on Day 0. One month later a maintenance dose of 480 mg was administered. This was repeated after 4, 7, and 10 months (ie a total of 5 administrations).
Goserelin Acetate	Goserelin acetate: The goserelin doses were administered by subcutaneous (s.c.) implants into the abdominal wall. An initial dose of 3.6 mg goserelin was administered on Day 0. One month later a subsequent dose of 10.8 mg was administered and this was repeated after 4, 7, and 10 months (ie a total of 5 implants).

### Serious Adverse Events

	Degarelix 240 mg/480 mg		Goserelin Acetate	
	Affected/At Risk (%)	# Events	Affected/At Risk (%)	# Events
Total	58/565 (10.27%)		33/283 (11.66%)	
Blood and lymphatic system disorders				
Anaemia <sup>A</sup> †	2/565 (0.35%)		2/283 (0.71%)	

	Degarelix 240 mg/480 mg		Goserelin Acetate	
	Affected/At Risk (%)	# Events	Affected/At Risk (%)	# Events
Haemorrhagic anaemia <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
<b>Cardiac disorders</b>				
Acute myocardial infarction <sup>A</sup> †	1/565 (0.18%)		1/283 (0.35%)	
Angina pectoris <sup>A</sup> †	2/565 (0.35%)		0/283 (0%)	
Angina unstable <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Atrial fibrillation <sup>A</sup> †	1/565 (0.18%)		1/283 (0.35%)	
Cardiac arrest <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Cardiac failure acute <sup>A</sup> †	2/565 (0.35%)		0/283 (0%)	
Cardiopulmonary failure <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Coronary artery disease <sup>A</sup> †	2/565 (0.35%)		0/283 (0%)	
Myocardial infarction <sup>A</sup> †	1/565 (0.18%)		1/283 (0.35%)	
Supraventricular tachycardia <sup>A</sup> †	0/565 (0%)		2/283 (0.71%)	
<b>Congenital, familial and genetic disorders</b>				
Phimosis <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
<b>Eye disorders</b>				
Cataract <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Eye pain <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
<b>Gastrointestinal disorders</b>				
Abdominal hernia <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Dyspepsia <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Enterocolitis haemorrhagic <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Gastric ulcer haemorrhage <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Gastrointestinal haemorrhage <sup>A</sup> †	2/565 (0.35%)		0/283 (0%)	

	Degarelix 240 mg/480 mg		Goserelin Acetate	
	Affected/At Risk (%)	# Events	Affected/At Risk (%)	# Events
Inguinal hernia <sup>A †</sup>	2/565 (0.35%)		1/283 (0.35%)	
Intestinal obstruction <sup>A †</sup>	2/565 (0.35%)		0/283 (0%)	
Pancreatitis <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Pancreatitis acute <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	
Rectal haemorrhage <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	
<b>General disorders</b>				
Death <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	
Non-cardiac chest pain <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Oedema peripheral <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Pyrexia <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	
Sudden cardiac death <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	
Sudden death <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
<b>Hepatobiliary disorders</b>				
Cholecystitis <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
<b>Infections and infestations</b>				
Cellulitis <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Gastroenteritis <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Infective exacerbation of chronic obstructive airways <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Injection site abscess <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Lobar pneumonia <sup>A †</sup>	1/565 (0.18%)		2/283 (0.71%)	
Lung abscess <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	
Pneumonia <sup>A †</sup>	0/565 (0%)		2/283 (0.71%)	

	Degarelix 240 mg/480 mg		Goserelin Acetate	
	Affected/At Risk (%)	# Events	Affected/At Risk (%)	# Events
Pyelonephritis acute <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Pyothorax <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Sepsis <sup>A</sup> †	1/565 (0.18%)		1/283 (0.35%)	
Staphylococcal bacteraemia <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Staphylococcal infection <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Urinary tract infection <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Injury, poisoning and procedural complications				
Coronary artery reocclusion <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Dislocation of joint prosthesis <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Humerus fracture <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Metabolism and nutrition disorders				
Cachexia <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Dehydration <sup>A</sup> †	2/565 (0.35%)		0/283 (0%)	
Insulin-requiring type 2 diabetes mellitus <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Type 2 diabetes mellitus <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Musculoskeletal and connective tissue disorders				
Back pain <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Intervertebral disc protrusion <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Lumbar spinal stenosis <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Muscular weakness <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Pathological fracture <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Neoplasms benign, malignant and unspecified (incl cysts and polyps)				
Chronic myelomonocytic leukaemia <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	

	Degarelix 240 mg/480 mg		Goserelin Acetate	
	Affected/At Risk (%)	# Events	Affected/At Risk (%)	# Events
Colon cancer <sup>A †</sup>	0/565 (0%)		2/283 (0.71%)	
Gastric cancer <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Intestinal adenocarcinoma <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Laryngeal cancer <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Lung neoplasm <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Metastases to central nervous system <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Metastases to liver <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Metastases to lung <sup>A †</sup>	2/565 (0.35%)		0/283 (0%)	
Metastatic carcinoma of the bladder <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	
Pancreatic neoplasm <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	
Prostate cancer <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Renal cancer <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Renal cancer metastatic <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Small cell lung cancer metastatic <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Small cell lung cancer stage unspecified <sup>A †</sup>	2/565 (0.35%)		0/283 (0%)	
Squamous cell carcinoma of skin <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Thyroid cancer <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Tumour local invasion <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
<b>Nervous system disorders</b>				
Carotid artery stenosis <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Cerebrovascular accident <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Encephalopathy <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	

	Degarelix 240 mg/480 mg		Goserelin Acetate	
	Affected/At Risk (%)	# Events	Affected/At Risk (%)	# Events
Haemorrhagic stroke <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Ischaemic stroke <sup>A</sup> †	3/565 (0.53%)		1/283 (0.35%)	
Parkinson's disease <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Syncope <sup>A</sup> †	3/565 (0.53%)		0/283 (0%)	
Transient ischaemic attack <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Psychiatric disorders				
Delirium <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Renal and urinary disorders				
Acute prerenal failure <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Calculus bladder <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Haematuria <sup>A</sup> †	1/565 (0.18%)		1/283 (0.35%)	
Renal failure <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Renal failure acute <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Renal failure chronic <sup>A</sup> †	0/565 (0%)		1/283 (0.35%)	
Urinary retention <sup>A</sup> †	1/565 (0.18%)		1/283 (0.35%)	
Urinary tract obstruction <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Respiratory, thoracic and mediastinal disorders				
Chronic obstructive pulmonary disease <sup>A</sup> †	2/565 (0.35%)		2/283 (0.71%)	
Haemoptysis <sup>A</sup> †	1/565 (0.18%)		1/283 (0.35%)	
Lung disorder <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Pleural effusion <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	
Pleurisy <sup>A</sup> †	1/565 (0.18%)		0/283 (0%)	

	Degarelix 240 mg/480 mg		Goserelin Acetate	
	Affected/At Risk (%)	# Events	Affected/At Risk (%)	# Events
Pulmonary embolism <sup>A †</sup>	3/565 (0.53%)		3/283 (1.06%)	
Respiratory failure <sup>A †</sup>	0/565 (0%)		1/283 (0.35%)	
Vascular disorders				
Deep vein thrombosis <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Hypertension <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	
Peripheral embolism <sup>A †</sup>	1/565 (0.18%)		1/283 (0.35%)	
Peripheral ischaemia <sup>A †</sup>	1/565 (0.18%)		0/283 (0%)	

† Indicates events were collected by systematic assessment.

A Term from vocabulary, MedDRA 13.0

#### Other Adverse Events

Frequency Threshold Above Which Other Adverse Events are Reported: 5%

	Degarelix 240 mg/480 mg		Goserelin Acetate	
	Affected/At Risk (%)	# Events	Affected/At Risk (%)	# Events
Total	336/565 (59.47%)		125/283 (44.17%)	
General disorders				
Fatigue <sup>A †</sup>	26/565 (4.6%)	28	15/283 (5.3%)	15
Injection site erythema <sup>A †</sup>	122/565 (21.59%)	323	0/283 (0%)	0
Injection site nodule <sup>A †</sup>	51/565 (9.03%)	112	0/283 (0%)	0
Injection site pain <sup>A †</sup>	173/565 (30.62%)	429	4/283 (1.41%)	4
Injection site swelling <sup>A †</sup>	34/565 (6.02%)	102	0/283 (0%)	0
Pyrexia <sup>A †</sup>	31/565 (5.49%)	40	7/283 (2.47%)	7
Infections and infestations				
Urinary tract infection <sup>A †</sup>	24/565 (4.25%)	30	18/283 (6.36%)	24
Investigations				

	Degarelix 240 mg/480 mg		Goserelin Acetate	
	Affected/At Risk (%)	# Events	Affected/At Risk (%)	# Events
Weight increased <sup>A †</sup>	26/565 (4.6%)	26	24/283 (8.48%)	24
Musculoskeletal and connective tissue disorders				
Back pain <sup>A †</sup>	19/565 (3.36%)	21	21/283 (7.42%)	27
Vascular disorders				
Hot flush <sup>A †</sup>	160/565 (28.32%)	175	76/283 (26.86%)	80
Hypertension <sup>A †</sup>	22/565 (3.89%)	24	18/283 (6.36%)	21

† Indicates events were collected by systematic assessment.

A Term from vocabulary, MedDRA 13.0

## ▶ Limitations and Caveats

[Not specified]

## ▶ More Information

### Certain Agreements:

Principal Investigators are NOT employed by the organization sponsoring the study.

There IS an agreement between the Principal Investigator and the Sponsor (or its agents) that restricts the PI's rights to discuss or publish trial results after the trial is completed.

The only disclosure restriction on the PI is that the sponsor can review the draft manuscript prior to publication and can request delay of publication where any contents are deemed patentable by the sponsor or confidential to the sponsor. Comments will be given within four weeks from receipt of the draft manuscript. Additional time may be required to allow Ferring to seek patent protection of the invention.

### Results Point of Contact:

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