

EGG DONATION
INSTITUTO BERNABEU



# ABOUT INSTITUTO BERNABEU

Since its founding in the 1980's, Instituto Bernabeu has been committed to providing its patients the highest level of comprehensive medical care, making it a leader in Reproductive Medicine.





Over the years, we have achieved more than 20,000 births through in vitro fertilization, and cared for 121,026 patients coming from over 137 countries. Each of our 8 clinics, in Alicante, Madrid, Mallorca, Cartagena, Albacete, Elche, Benidorm and Venice, are equipped with state of the art technology to perform the most advanced treatments available. Over 48,427 treatments have been carried out for patients who chose us for their personal journey in creating a family, trusting in Instituto Bernabeu because of our results, strong values, committment to research, as well as our comprehensive patient care, both medical and emotional.

Our main goal is to achieve the best results and to promote the advancement of medical science. Because of this our medical practice is tied into our **investigations and teaching work**. These activities feed into each other, and materialize in the **University Chair** of the Reproductive Medicine with the University of Alicante and Community Medicine and Reproductive Health professorship of Miguel Hernández University. To date we have written

over 400 research projects, product of striving for individualized treatment for our patients. Along these lines, with the Rafael Bernabeu Charitable **Foundation** we are dedicated to developing a wide range of social outreach programs. We aim to make assisted reproduction treatments more accessible to patients with limited means, offer scholarships for young scientists in **Reproductive Medicine**, as well as support foundations that help underprivileged children, among other outreach programs.

This commitment to our patients, together with the professionalism and experience of our medical team, make Instituto Bernabeu a center of prestige in Reproductive Medicine world





- Exceptional medical care in reproductive medicine
- First clinic in Europe to offer a pregnancy guarantee

# WHY WE ARE DIFFERENT



Personalized care individualized for all treatments





- Clear, fixed prices all included, no surprises
- The most innovative techniques For fertility and reproductive genetics

A full team of professionals Gynecologists, biologists, geneticists, biochemists, endocrinologists, urologists, pharmacists



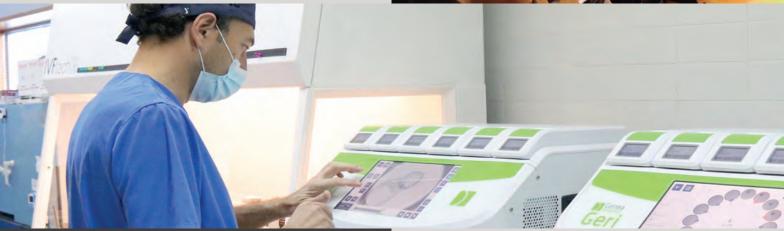
Practical research
So that we can tailor your treatment for you

State of the art facilities and infrastructure to make your stay as comfortable as possible



- In-house laboratories and specialized technology which offer efficiency in results and control over the entire process
  - Teaching and research
    programs
    Pioneers in reproductive medicine





Excellent results audited by two external accredited agencies



8 specialized clinics in Alicante, Madrid, Mallorca, Cartagena, Albacete, Elche, Benidorm and Venice

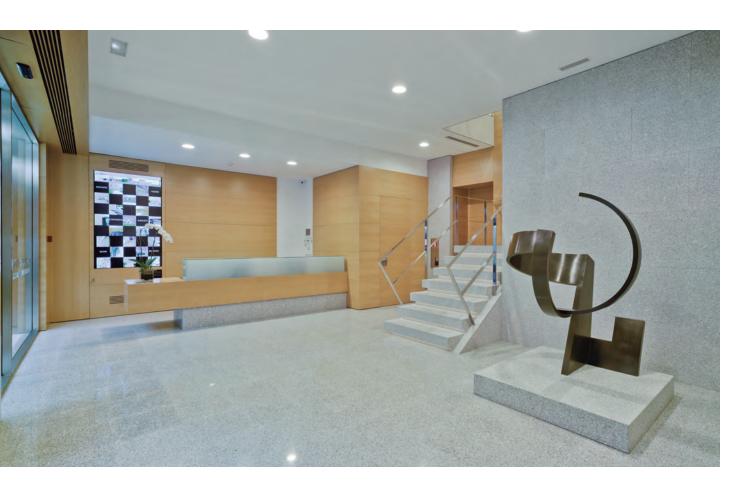


# EGG DONATION

# AT INSTITUTO BERNABEU

Instituto Bernabeu is a European leader in egg donation. Given our experience over 15 years, the high number of egg donors in our database, and their socioeconomic level we can guarantee:

- We have no waiting lists
- Exhaustive medical and genetic screening of donors prior to acceptance
- Committment to providing a minimum of 8 eggs
- Exclusive donor matching for each recipient, which allows for the best quality and outcome for donation.
- Complete medical compatibility
- Meticulous selection of physical characteristics, to be similar to the recipient



## **DNA BANK FOR EGG DONORS**

Thanks to the donor DNA cryobank driven forward by Instituto Bernabeu since its pioneering launch in 2010, patients who need to make use of donated gametes for their fertility treatment can, at any time, make a request for a genetics study with a view to preventing and adequately treating possible diseases which might affect their children in the future (with prior consent from the donor) at no additional cost.

# Egg donation results

#### Statistics following the first cycle in Instituto Bernabeu, 2021

The cumulative pregnancy rate refers to pregnancies achieved following the egg retrieval/collection procedure. This includes transfer of fresh embryos and a possible transfer of frozen embryos.

Accumulative positive pregnancy rate per cycle  Accumulative positive pregnancy rate over 3 cycles	65,7% 90,1%*
Fresh egg donation	54,5% (We coordinate to ensure fresh egg donation, except where the opposite is expressly requested by the receptor)
Cycles of egg donation with embryo freezing	<b>94,3%</b> (an average of 3-4 blastocysts per cycle)
Transfers on day 5-6 (blastocyst)	100%
Eggs donated per cycle	We guarantee a minimum of 8 and an average of 10 per cycle**

<sup>\*</sup> Transfer of 1 fresh cycle plus 1 frozen cycle with no PGS/PGT-A/CCS and elective vitrification.



<sup>\*\*</sup> As an exception, and only in specific cases arising from the ethical consequences of generating embryos that could not be transferred due to the advanced age of the patient, the number may be limited to 7.

# Extensive Egg Donor Selection

Egg donation in Spain is completely anonymous. Because of this the donor identity can never be revealed to the future parents, and vice versa, according to Act 14/2006 of May 26. In case of future need, we store donor DNA for 20 years for genetic studies.

Donor health and screening are priorities for us. Because of this 22 of every 100 candidates are accepted. Each donor is evaluated by a multidisclipinary team that evaluates psychological, medical, gynecological and genetic aspects including:

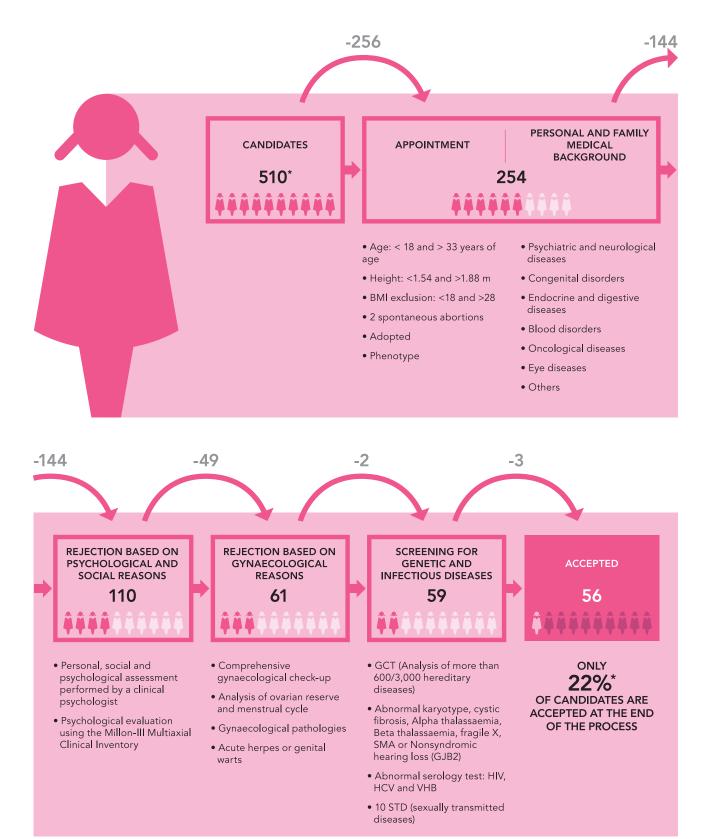
- Physical and gynecological check-up-including her clinical history and that of her family
- Assessment by our in house psychologist
- Blood group and Rh factor
- Screening for Syphilis, Hepatitis B and C, HIV markers
- Complete work up
- Screening for Alpha and Beta thalassemia trait
- Screening for SMA (Spinal Muscular Atrophy)
- Nonsyndromic hearing loss screening (GJB2)
- Coagulation test
- Karyotype in order to exclude chromosomal abnormalities
- Genetic Compatibility Test (GCT). Compatibility screening for over 600 or 3,000 diseases
- Screening for gene mutations of Cystic Fibrosis (50 mutation studied)
- Study of Fragile-X Syndrome

Having our own genetics lab allows us to carry out an extensive work up on all our donors in order to rule out possible genetic disorders that they could pass on, or risk factors due to their ethnic background.





# EXTENSIVE EGG DONOR **SELECTION**



\*FIRST TERM OF 2019

# Egg Donation Process

#### **Egg Donation**

There are times when women do not produce the sufficient number of quality eggs to produce a pregnancy using IVF. In these cases the best chance of success is using an egg donor. Egg donation is a very efficient technique in reproductive medicine, giving excellent results per cycle.

#### The Egg Donor

These are young women that decide to donate their eggs to other women so they can become mothers. All donors are evaluated by a multidisciplinary team that carries psychological, medical, gynecological and genetic screening before they are accepted into the program. In Spain, donor identity is completely anonymous. IB has a consistently active group of donors so that there is no waiting list for patients looking for treatment.

#### GCT: most complete test for genetic disorders

Since we carry out the screening of more than 600 hereditary diseases and since 2020 we have carried out the exome of recessive diseases for all our donors at no additional cost, this allows us analyze the mutations of 2,306 genes, causing more than 3,000 disorders. As of today, it constitutes the most complete genetic screening performed on egg and sperm donors. For these disorders to manifest, it is necessary that both genetic parents be carriers of the variant mutation in the same gene. Therefore, these studies are only valid if they are contrasted with the DNA of the other parent. The test also allows us to detect X-linked diseases, ruling out donor candidates who may be carriers.

#### Similarity in Physical Characteristics

In Instituto Bernabeu we have a department specifically designed to coordinate the timeline of each treatment and matching the donor- from hundreds of candidates- that is most similar to the recipient mother.

This aspect is vital for us because we are aware of its importance. In order to do this, we will ask for photographs and a detailed description of your physical characteristics. We strictly respect the anonymity of both parties, but we will let you know some physical characteristics of your donor that might be useful for future medical reasons, such as her age and her genetic screening.





### EGG DONATION PROCESS

#### AT INSTITUTO BERNABEU

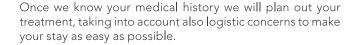


#### **First Visit**



Each patient is unique and therefore each treatment must be individualized. During your first visit we will get to know the details of your case, taking into account your needs and medical situation.

#### **Plan and Synchronization of Treatment**



## 15/35 DAYS



#### **Endometrial Preparation**

We mimic your natural cycle in order to enhance your uterine receptivity for an embryo, by thickening the uterine lining. The recipient mother starts by taking estrogens (pills or patches) which will be adjusted during the cycle to prepare for the best day for transfer. In order to check for adequate growth, an ultrasound scan will be performed to check the endometrial size. This scan can be done with any gynecologist.

#### **Selection of Compatible Donor**

We are aware of the great responsibility that comes with the trust you've placed in our team. Because of this we carry out a strict donor selection process to guarantee the best quality and best result for our patients. After undergoing a detailed process that includes and psychological, medical, gynecological and genetic tests, only then will a candidate be accepted as a donor.

The recipient couple will have to inform us previously of their blood group and general physical features (weight, height, skin color, eye and hair color, etc.), as well as send us pictures to look for the best physical compatibility. According to Spanish law the identity of both the donor and the future parents is protected, but we will give you a report with the medical and genetic testing performed as well as donor age, all of which could be useful in the future. At the same time we store DNA from donors for 20 years in case a further genetic test is needed for any future children.



#### **Sperm Capacitation**

On the same day the male partner will produce a sperm sample that will be prepared in the lab to maximize its fertilization potential.



#### DAY 1

#### **Ovarian Stimulation of Donor**

As the recipient is preparing her endometrium we start the donor's ovarian stimulation. This stimulation is the key to a future success. It is important to obtain a suitable number of oocytes but the quality of the oocytes is even more important. To achieve this we carry out routine ultrasound scans to adjust hormone doses to optimize egg quality, while taking care of the donor's health during the stimulation, since she is another patient for us.

#### **Donor Egg Retrieval**

At just the right time the donor's eggs will be retrieved, under sedation. At Instituto Bernabeu, we guarantee our egg donation patients a minimum of 8 mature oocytes.

#### In vitro Fertilization

Fertilisation is carried out in the human embryology laboratory by uniting the egg and the partner's sperm. This can be done using conventional IVF - a more natural process - or using the ICSI technique involving the selection of a suitable spermatozoon which is then inserted into the egg. When the male partner has a fertility issue, this process facilitates fertilisation.

The result of the fertilization (day 1 of embryo culture) is seen about 18 hours later. We will know how many eggs have fertilized normally, which is the number of embryos.



### EGG DONATION PROCESS

#### AT INSTITUTO BERNABEU



#### **Starting Progesterone**

Just like in a natural cycle, progesterone needs to be part of the recipient patient's medication. This medication is very important, especially if pregnancy is achieved, because it is necessary for the fetus during the beginning of gestation until the placenta starts to produce it on its own

On 3% of egg donation treatments there is no transfer. At Instituto Bernabeu, should this be the case and the male factor is not altered (5 million count and 30% mobility), we offer a new treatment at no cost as a proof of commitment to you. If just one blastocysts is obtained and no pregnancy is achieved, you will receive a 50% discount over your next cycle.



3/5 DAYS



#### **Embryo Culture**

Fertilisation is followed by development in an incubator using a culture medium that provides everything that is needed for growth. Growth is periodically assessed because not all human embryos reach blastocyst stage. It is important to keep in mind that not all of them will become viable embryos. There will be good and poor quality embryos and others that will simply block. Their evolution will help us decide whether to leave them in a short culture (2-3 days) or a long culture (4-5 days: blastocyst). 75% of the embryos in our egg donation cycles reach blastocyst stage. Therefore, all our transfers are performed once this stage has been reached (between day 5 and 6 of embryo development).



DAY 1

#### **Embryo transfer**

Once the blastocyst stage has been reached, embryo transfer takes place. This is an essential stage during treatment. It entails placing the embryo in the mother's uterus. The procedure is performed using an abdominal ultrasound scan. The culture medium with the embryo is positioned inside the uterus. It is a quick and painless procedure. The environment is a special one that takes into account how delicate the embryo is.

The embryos that have not been transferred and are to be maintained, will be frozen and then the custody protocol begins; after they have been identified, they are deposited in an exclusive area of the cryogenic tanks of our laboratories. To give complete security, this area is not shared with other samples nor with other patients, to protect the embryos from possible cross-contamination or inaccuracies.





#### 10/12 DAYS LATER



#### 15 DAYS LATER

#### **Pregnancy blood test**

13/14 days after the progesterone medication began, a blood sample is taken from the patient in order to determine if she is pregnant or not. It consists of detecting beta hCG levels in blood since this hormone is produced by the embryo and passed on to the mother. If the patient is not pregnant, the medical team involved in the course of treatment assesses the causes and decides what steps need to be taken. The patient is given an appointment in order to be able to tell her about the team's evaluation of the situation.

#### An ultrasound scan to monitor the pregnancy

If the result of the pregnancy test is positive, the patient has an ultrasound scan around two weeks later. Performing this scan any earlier would only lead to confusion and doubts since results are generally not conclusive at this stage.

You can request information regarding our "PREGNANCY AND CHILDBIRTH GUARANTEE PROGRAMME or we will refund the total cost".





# **FIRST**

## VISIT

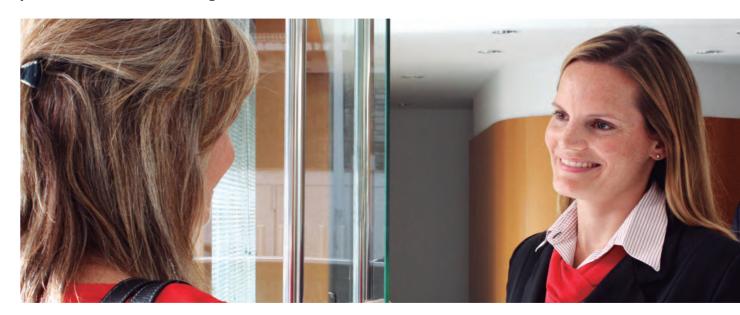
In the first visit, a complete evaluation of each case is carried out, establishing the design of the personalized treatment and clearing up any questions on the matter.

## What is the initial fertility consultation like?

It is the first appointment in the clinic, in which we evaluate all aspects related to the case, from the previous medical, gynecological or andrological history to the tests and possible treatments previously carried out in other centers. We can also provide a private driver to pick up our patients from the airport at no additional cost.

## Where does it take place?

Usually the first visit requires an interview with the patients in our facilities. The IB consultation rooms are a suitable environment that allows for relaxed conversation between doctors and patients, however, if for any reason it is inconvenient to travel to our center, the appointment may be made by videoconference or telephone, allowing us to focus on your case and saving you the trouble of travelling.



# Who will I meet at my initial fertility consultation?

For an infertility consultation, you will meet a gynecologist specialized in reproductive medicine, who will assist foreign patients in their language. All the gynaecologists at IB responsible for treating patients with fertility issues have demonstrable experience.

Furthermore, as soon as you get in touch with us, you will be assigned a Patient Care Assistant (PA) to care for you and counsel you in your mother tongue. You will receive personalised attention based on both professional experience and an emotional awareness of reproductive issues.



## Where should I go when I have an appointment at IB?

Our front desk staff will be waiting for you at the scheduled time. You will be asked to fill out a series of administrative information (name and contact information) and your patient care assistant will take you to a private waiting room.

## What happens in my first consultation?

Having met the gynaecologist who will be in charge of your case, the appointment will include the steps indicated below and will take around 50 minutes:

- 1. **Medical History.** This is the first step in any doctor's appointment. The gynecologist will ask about your personal and family history. It is important to know every part of your medical history that could be significant to your diagnosis and fertility treatment, as well as for any future pregnancy.
- **2. Evaluation of infertility.** The time spent trying to conceive will be evaluated, as well as any previous diagnostic tests that you may have carried out.
- **3. General and gynaecological health check.** Most likely an ultrasound will be performed this same day to check your uterus and ovaries.
- **4. Diagnostic tests, if necessary.** If after the initial evaluations further testing is necessary the doctor will explain this to you. We try to make all additional tests possible on the same day to avoid further visits and shorted your waiting time. The cost of the first appointment includes, where applicable:
  - A <u>high-resolution 3D</u> ultrasound scan for performing a morphological study of the uterus, fallopian tubes and ovaries.
  - A basic <u>sperm analysis</u>.
  - Sperm morphology analysis
  - An <u>anti-mullerian hormone (AMH)</u> analysis in order to help evaluate the patient's ovarian reserve.
- 5. If needed, sperm freezing will be carried out in order to avoid coming on the day of fertilization.
- **6. In this first visit.** your gynaecologist will give you an initial idea of your prognosis and the possible options for designing your personalised course of treatment.

# What should I bring to my first visit?

It is useful if you can bring all your previous medical documents (blood tests, medical reports, etc.) which could be helpful to your doctor. You can also send us these scanned beforehand so the doctor can review them before your appointment.

If it is difficult for you to get copies you do not need to delay your appointment, because the doctor will evaluate your case and tell you if they are strictly necessary for treatment or not.

# What is the price of a first visit?

The first appointment costs €140 and, should you decide to go ahead with the fertility treatment, it will be taken as the starting point for evaluation of your case and the amount will discounted from the end price.





# PRICE LIST EGG DONATION

At Instituto Bernabeu we are transparent. Our prices are clear and fixed, so that you know the cost of treatment from the very beginning.

#### Cycle of egg donation

6.500€

#### **DESCRIPTION OF SERVICES INCLUDED**

#### **Egg donor treatment:**

- Egg donor selection and preparation process, within which we might highlight the following.
  - Psychological and social assessment, fertility study, comprehensive medical and gynaecological check-up.
  - Infectious diseases blood test, screening of the 10 most common sexually transmitted diseases and cytomegalovirus (CMV).
  - Karyotype and analysis of genetic diseases including, amongst others, cystic fibrosis, fragile X, alpha thalassaemia, beta thalassaemia and muscular spinal atrophy and nonsyndromic hearing loss (GJB2).
  - Genetic Compatibility Test (GCT). Genetic compatibility screening for more than 600 or 3,000 genetic diseases, depending on the modality.
- Ovarian stimulation of donor: clinical controls, ultrasounds and blood tests. Ultrasound-guided egg
  retrieval, post-retrieval check up and pain-relievers until final discharge and health insurance in case of
  any complications.
- Storage of donor DNA for 20 years

#### **Recipient treatment:**

- Medical consultation with a specialist gynecologist to design your personalized treatment plan.
- Personalised treatment. Necessary scans and blood tests during the treatment. Embryo transfer (private room, operating theatre and fertilisation laboratory).
- All laboratory in vitro fertilisation processes required in order to optimise chances of success: ICSI, MACS, assisted hatching, time-lapse incubator, etc.
- Embryo culture for the entire time required including up to day six (in 99% of our egg donation treatments, transfer is done in blastocyst stage).
- Embryo storage for the first year, if cryopreservation is required.
- If you have not already had them, we will perform the following analyses free of charge:
  - Full gynaecological check-up and embryo transfer test including the smear test, if required.
  - B-Hcg test (pregnancy test performed using a blood sample) and initial pregnancy ultrasound scan, if applicable.
- Session with a clinical psychologist from our egg donation department to inform you about the process of assigning and selecting the most suitable egg donor.

#### NOT INCLUDED (SHOULD THEY BE NECESSARY, THEY WILL BE INVOICED INDIVIDUALLY)

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•	The cost of the donor's medication (may be provided beforehand if payment for it is not going to be made):	1,000€
	The cost of the recipient's medication.	
•	Any subsequent treatment using vitrified embryos from this cycle, or any other service not specified in the	
	description of the treatment.	
•	Surgery (testicular biopsy, TESA, etc), if needed.	
•	Cryopreservation with vitrification within the embryo cycle, if needed:	600€
•	Annual storage of embryos after the first year, if desired:	300€
•	Genetic Compatibility Test (GCT) studies more than 3,000 hereditary diseases thanks to the testing of 2,306	
	genes, plus Cystic Fibrosis, Alpha Thalassemia, Beta Thalassemia, Fragile-X, Spinal Muscular Dystrophy and	
	Non-Syndromic deafness (GJB2) of the future father:	1,175€
	Genetic Compatibility Test (GCT) studies more than 600 hereditary diseases thanks to the testing of 555	
	genes, plus Cystic Fibrosis, Alpha Thalassemia, Beta Thalassemia, Fragile-X, Spinal Muscular Dystrophy and	
	Non-Syndromic deafness (GJB2) of the future father:	850€
	GCT Basic: genetic compatibility test to study 50 disorders:	350€
	Sperm donor, if required:	500€
		200€

Subsequent egg donation cycles when an ongoing pregnancy has not been achieved 5,000€



#### DURATION AND MEANS OF PAYMENT

- The entire cost of the selected course of treatment must be paid when treatment begins. The clinic reserves the right to cancel treatment should payment not be made within the established period.
- This price quotation is valid for 6 months from when it is signed. Payment may be made by bank transfer or credit card. Should embryos that are not transferred be cryopreserved, payment must be made when vitrification takes place.
- Should embryo transfer not take place, a refund of €200 will be made.
- Should embryo transfer be cancelled due to a decision taken by the recipient patient, no refund of any kind will be given.
- The price reduction for a second course of treatment and for PGS/PGT-A may not be used in conjunction with agreements of any kind with any entity.
- In compliance with Law 7/2012 on measures to combat fiscal fraud, residents in Spain may not make cash payments for amounts equal to or above €1,000. This amount increases to €10,000 should the payee not have fiscal residency in Spain.

#### **FINANCING**

If you live in our country, financing options are available to you. Please do not hesitate to ask about this.

#### DOCTOR'S INSTRUCTIONS AND/OR CANCELLATION

- Should the patient fail to adhere to the doctor's instructions or should treatment be cancelled or interrupted for medical reasons or at patient request, patients must pay for all services already provided. Therefore, the signees expressly understand and accept the costs and all the other financial information that has been explained to them by our members of staff, they have understood this information completely and have had the opportunity to ask any relevant questions, and they affirm that they fully comprehend and accept this price quotation.
- The patient's right to refusal covers entitlement to refuse acceptance of this price quotation by failing to undergo treatment during the validity period. Should this be the case, the price quotation will be considered no longer valid.
- If for whatever reason the cycle is cancelled before finishing the monitoring phase, the amount paid will be reimbursed, except the initial consultation fee and the number of ultrasounds/medical consultations done up until the point of cancellation €100 each.
- Should there be any surplus embryos following embryo transfer, they must be cryopreserved and the
  patients must pay the additional cost of this service that includes storage of the embryos for a period of
  one year. From the first year on, the valid storage cost must be covered by the patient unless they decide
  on a different destination for the embryos as permitted by Law.
- The price quotation has been explained to us by staff at the clinic and we understand its content and scope.
- We, the patients, have received a copy of this information detailing costs. It will be attached to the informed consent for the corresponding course of treatment.

DATE:	SIGNATURES:	
PATIENT'S NAME:		

The parties recognise that the stipulations and commitments within this contract have been made according to the Spanish and European legislation that is in force at the time of signing. Any modification to the legislation and in particular to Law 14/2006 regarding assisted reproduction, that prohibits or regulates in a different manner to that which is foreseen in a certain stipulation or clause, will leave said stipulation or clause without effect according to the terms and timeframes in which said modification were to be applied, while the rest of the agreements regulated in this contract will remain unaltered.

Basic information on personal data protection: Instituto Bernabeu SL is responsible for treating your personal information so that our contractual/healthcare relationship, the economic obligations stemming from that contract and the necessary communications that give the contract its substance are formalised. Execution of a specialist healthcare contract involving the interested party legitimises treatment of your data. This is performed in compliance with article 9.2 h) of the General Data Protection Regulation (GDPR). Your personal data shall not be transferred unless it is necessary for matters of legal obligation, when your consent to do so has been provided or in order to protect your vital interests. You have access, rectification, cancellation, opposition, transfer and limitation rights that you may exercise at our offices or by e-mail: lopd@institutobernabeu.com. Additional information on the treatment of your personal data can be accessed under the Privacy Policies/Patients section on our website: www.institutobernabeu.com

This Contract, including the annexes and all matters related thereto, shall be governed by and shall be construed in accordance with Spanish law. For any action or proceeding derived from or in relation to this assignment, the parties, expressly waiving any other jurisdiction that may correspond to them, submit to the jurisdiction of the courts of the state of the clinic in which the treatment was pursued.

According to the Spanish law 14/2006 of May 26, the donation is anonymous, voluntary, informed and unpaid.





#### **SPAIN**

Alicante Madrid Mallorca Cartagena Albacete Elche

#### **ITALY**

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www.institutobernabeu.com