



AT THE CENTRE OF ITALY, AT THE CENTRE OF WELLNESS

Villa Maria is a private hospital situated in northern-central Italy, in the famous city of Rimini.

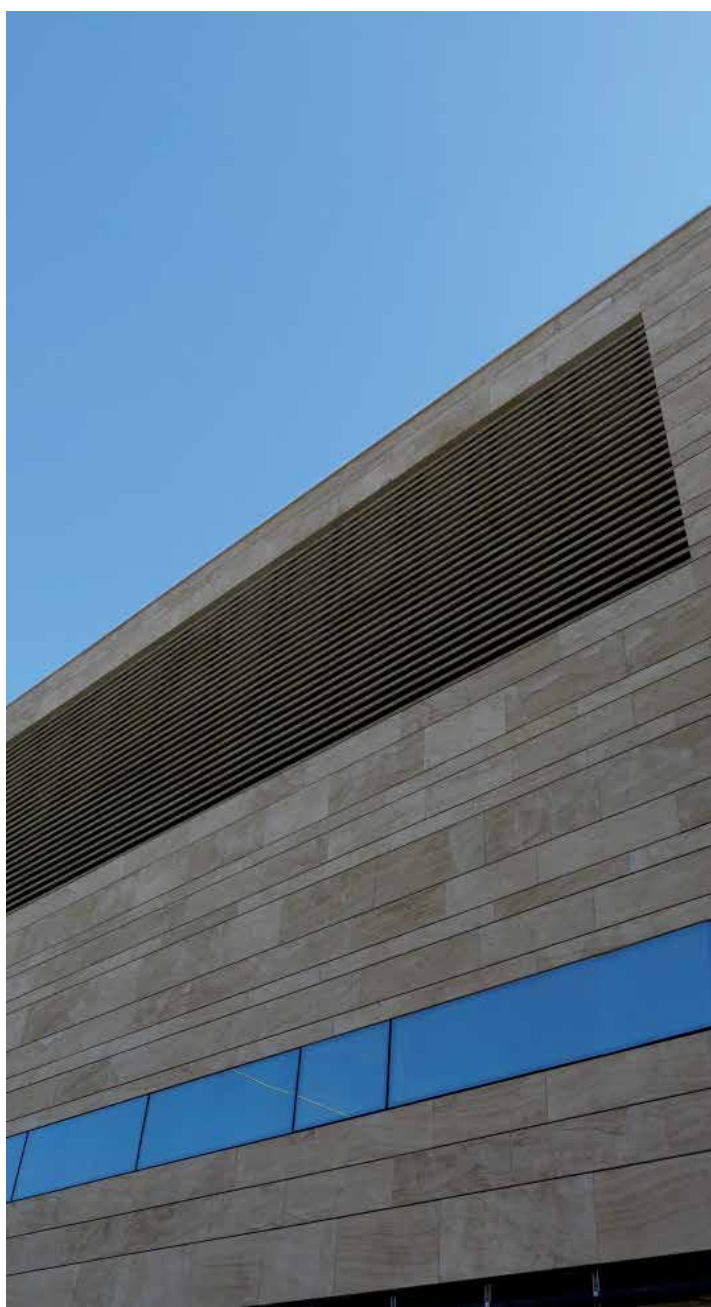
Founded in 1964, Villa Maria is a modern multi-functional structure, with six storeys and 120 patient beds, offering high levels of accommodation quality and comfort. The hospital boasts state-of-the-art technical resources, professional medical skills and organizational criteria, certified to national and international standards (ISO 9001:2008).

Villa Maria is able to provide healthcare services of an extremely high quality, with treatments for all major pathologies, and areas of excellence that include: **orthopaedic surgery, vertebral surgery, proctology, general/mini-invasive/laparoscopic surgery, otorhinolaryngology, gynaecology, plastic/cosmetic surgery, physical recovery and rehabilitation.**

Latest generation diagnostics, gastroenterology/endoscopy and check-ups, cardiology and internal medicine/cardiological check-ups.

After an exceptional programme of renovation and extension work between 2011 and 2014, with a major regeneration of its functions, technologies and image, today the hospital is a healthcare facility of outstanding importance.

It employs the best professional specialists to ensure diagnostics, therapies and assistance of a high standard. Its first-rate services are constantly updated with periodic reviews of medical and nursing procedures and regular staff training activities. In 2013, Villa Maria treated about 60,000 patients, with 90,000 outpatient treatments and over 5,700 surgical operations.



THE NEW VILLA MARIA





VILLA MARIA FOR SURGICAL OPERATIONS AND DIAGNOSTICS OF A HIGH STANDARD

OPERATING ROOMS

Rimini's Villa Maria has a new Surgical Operating Division offering technical characteristics and **safety of an extremely high level.**

- 4 operating theatres of about 50 m2 each, with suspended electronic units, walls with antibacterial panels of the latest generation, an IT workstation with large monitors and RISC-PACS links to diagnostics for image analysis, and 2 airflow rooms compliant with ISO 5 technology.
- **Integrated monitoring system to keep patients under constant observation from the moment of anaesthesiological induction through to the phase of post-operative recovery, including bedside computerized observation with wireless technology and dedicated frequencies.**
- Induction and recovery rooms with patient stations constantly monitored and supervised.
- Extensive sterilization unit with 3 distinct areas for washing, packing and sterile area, complemented by a batch traceability system.







AREAS OF EXCELLENCE



ORTHOPAEDICS DIVISION

The Orthopaedics Division comprises 5 internal medicine specialists who follow patients before, during and after operations, and a group of 20 orthopaedists capable of performing surgical operations of all types, using conventional mini-open approaches and mini-invasive techniques. The team works with patients from all over Italy, and uses **certified materials of the latest generation, together with advanced equipment** such as high-definition arthroscopic columns, a digital broad-spectrum brilliance amplifier with low radiation emissions, a fluoroscope for short-tract orthopaedics, 1.5 T magnetic resonance, and a digital wireless radiological X-ray system with low emissions.

Areas of particular excellence include orthopaedic implants and the mini-invasive foot and hand surgical unit, with a team of professionals that comprises the current president of the Italian Society of Hand Surgeons.

After the conclusion of the orthopaedic recovery, patients can be assigned to our experienced Rehabilitation Team composed of a physiatrician, professional physiotherapists, and a gymnasium with cubicles for physiotherapy treatment, pain therapy and a rehabilitation pool.

VERTEBRAL SURGERY UNIT

This specialization is followed by eminent neurosurgeons and a surgical algologist capable of performing herniotomy, vertebral canal stenosis, laminectomies, elastic fixation using various interspinal devices, arthrodesis, spinal column deviations, sacroiliac fixation, vertebroplasty, kyphoplasty and medullary electrostimulators. Operations are carried out with **advanced devices, biotechnological materials**, conventional open techniques and mini-invasive approaches, even for particularly complex pathologies.



Arthrodesis procedures can also be performed, using personalized single-use instruments.

The services of our Rehabilitation Team are also available for this specific area.

PROCTOLOGY

For many years this specialization has been an area of excellence not only for Villa Maria itself but also for the whole of Italy. The division is made up of proctologists who over the years have participated in the development of **new surgical techniques**, representing an **avant-garde in this field both for diagnostics and for surgical methods**. These include in particular rectal prolapsectomy, proctopexy with the Longo procedure, rectal resections with conventional techniques, Ligasure or mechanical staples (STARR), rectoceles, pelvic floor surgery, surgical constipation treatments, faecal incontinence treatments and surgical treatments of haemorrhoids, with the most advanced methods available. To complement its surgical activities, Villa Maria also offers an **endoanal ultrasound unit and a pelvic floor rehabilitation department**.



MINI-INVASIVE/LAPAROSCOPIC GENERAL SURGERY

The General Surgical Division of Villa Maria comprises 10 specialists, offering treatments including:

- phlebological surgery for the lower limbs;
- operations for functional oesophago-gastric pathologies (hiatal hernia, gastro-oesophageal reflux disease, achalasia);
- inguinal/crural/umbilical/Spigelian/epigastric hernias, incisional hernias, cholecystectomy;
- benign and malignant tumours of the stomach, intestine and liver, angiomas, focal nodular hyperplasia, adenomas, cysts, hepatic/splenic/cutaneous/colorectal resections.

All these operations can be performed not only with conventional open techniques but above all with **laparoscopic and mini-invasive methods**, which in some cases **require only a single abdominal incision**, a solution that when possible allows aesthetic aspects to be safeguarded as well.

For all these surgical activities, Villa Maria provides instruments of an



extremely high level, but particularly worthy of note is our **state-of-the-art laparoscopic column**, the first to be installed in the Emilia Romagna region.

This “**SPIES Storz**” apparatus uses LED light sources and high-definition video cameras and optical devices that give the surgeon a visual operating field that other instruments are unable to provide. This ensures greater precision and completeness during operations.

OTORHINOLARYNGOLOGY

The Otorhinolaryngology Team consists in 3 physicians capable of pursuing all types of treatments for the nose, mouth, throat, neck and ears, including thyroid surgery, snoring surgery (OSAS), surgery for facial neoformations, tumour surgery, radiofrequency surgery, microsurgery and endoscopic/mini-invasive techniques.

Many of these surgical procedures can be performed using lasers. For all these surgical activities, Villa Maria provides instruments of an extremely high level, but particularly worthy of note is our **state-of-the-art endoscopic column**, the first to be installed in the Emilia Romagna region.

This “**SPIES Storz**” apparatus uses LED light sources and high-definition video cameras and optical devices that give the surgeon a visual operating field that other instruments are unable to provide. This ensures greater precision and completeness during operations. These surgical activities are supported by an excellently equipped otorhinolaryngology clinic, also able to offer bioelectrical impedance analyses, rhinomanometry, optical fibre endoscopy, auditory evoked potentials, vestibular rehabilitation, stabilometric tests for balance disturbances with a specific computerized platform, and the possibility of following rehabilitation sessions.

Another specialist otorhinolaryngology area is its **study of snoring**

and sleep apnoeas, investigating patients with polysomnography and CPAP techniques, together with in-patient check-up sessions.

GYNAECOLOGY

The Gynaecology Team is made up of surgeons able to perform operations per vaginam and with laparotomy, hysteroscopy and laparoscopy.

Especially worthy of note are a number of particularly complex operations, such as tumour surgery, hysterectomies and laparoscopic myomectomies. As in many other areas, the Gynaecology Unit also offers out-patient treatments and personalized check-ups.



PLASTIC SURGERY/COSMETIC MEDICINE

Plastic surgery is offered on the basis of both in-patient and out-patient services. The main operations available are blepharoplasty, rhinoplasty, otoplasty, neck and facial lifting, reduction and augmentation mammoplasty, mastopexy, total and partial abdominoplasty and multiple-area liposuction.

The following main cosmetic medicine treatments are available:

- fillers for treating facial wrinkles and lip volume enhancements;
- SYNERON technology for the treatment of acne, acne scars and

depilation (Elos technology and MOTIF method), photorejuvenation with Sublative and Sublime technology (cutaneous laxity, skin colour blemishes, vascular treatments and stretch marks);

- removal of cutaneous lesions using a Hyperion radio-frequency scalpel, making it possible to concentrate energy on specific points, to make cuts without marginal necrosis, and to reduce pain and side-effects.





VILLAMARIA



VILLAMARIA





SERVICES FOR HEALTH

FUNCTIONAL RECOVERY AND REHABILITATION UNIT

Over the last few years, this unit has become one of Villa Maria's foremost specialities, for its quality and completeness.

In fact, for both in-patient and out-patient treatments, Villa Maria offers a team with an ample range of skills and expertise:

- **Physiatrician.**
- **Professional physiotherapists.**
- **New rehabilitation pool** of almost 60 m2, with three depth levels for different patient needs, warm-up area with aquabikes, individual exercise areas, larger area for group exercise, postural/prenatal gymnastics and counter-current walking, well for load-free exercise, with depth suitable even for taller patients, decontraction zone with whirlpool stations, cascades and water jets. The water is heated constantly by a system that guarantees a continuous cycle of

exchange and purification. Unobstructed sightlines for safe and easy supervision of patients by physiotherapists and slings and rail for immersion of movement challenged patients.

- **Gymnasium** with physiotherapy treatment cubicles (massage therapy, lymph drainage, segmental mobilization, electrostimulation, TENS).
- **Pain therapies** (laser therapy, diathermy, shockwave therapy, magnet therapy, ultrasounds).
- **Clinic** for pelvic floor rehabilitation treatments.





LATEST-GENERATION DIAGNOSTICS

One of the main characteristics of Villa Maria is the constant modernization of its technical resources, so as to always guarantee the best possible solutions for the medical problems of its patients. These include:

- **Magnetic resonance rated at 1.5 T** with a superconductive magnet that allows high-resolution images to be obtained for high diagnostic reliability, with limited application times that ensure shorter patient exposure times inside the magnet.
- **Digital wireless radiological X-ray system with low emissions**, allowing high-definition images to be obtained with extreme rapidity and significantly lower radiation absorption levels. The system is also used by the Orthopaedics Division to perform X-ray guided hip infiltrations for the enhancement of joint flexibility, thereby delaying the need for arthroprosthesis operations.
- **BMD (Bone Densitometry Scanning)**, used for osteoporosis diagnoses, vertebral column analyses for preventive treatments in child development, skeletal analyses for assessments of prosthesis and device positioning, osseous condition analyses to determine

potential fragility, body fat analyses for the correct configuration of dietary regimes and for sports activities, and calculations of the 10-year probability of bone fracture, combining 11 risk factors.

GASTROENTEROLOGY, ENDOSCOPY AND CHECK-UPS

In addition to out-patient treatments that can be performed individually, in-patient check-up admissions can also be booked, choosing from the following treatments:

- **check-in and check-out gastroenterology examinations;**
- **complete abdominal ultrasonography;**
- **abdominal magnetic resonance;**
- **blood tests for specific factors (tests for coeliac disease, Crohn's disease);**
- **digestive tract endoscopy** (gastroscopies and colonoscopies, also with retrograde ileoscopy), examinations that can be carried out in diagnostic and operative form, and also with the **special technique of conscious sedation**, eliminating the perception





of pain; supplementary tests for *Helicobacter pylori* presence and breath tests are also frequently requested;

- **allergy tests** (prick tests, patch tests, intradermal reactions);
- **medical nutritionist consultations** for analyses of dietary habits, for metabolism checks with the revolutionary Holter monitor and to recommend more appropriate lifestyles.

CARDIOLOGY AND INTERNAL MEDICINE/ CARDIOLOGICAL CHECK-UPS

In addition to out-patient treatments that can be performed individually, in-patient check-up admissions can also be booked, choosing from the following treatments:

- **check-in and check-out internal medicine/cardiological examinations;**
- **diagnostic examinations** with electrocardiograms, echocardiograms, colour Doppler ultrasonography of the supra-aortic trunks, electrocardiograms with stress test, full abdominal ultrasonography and thorax X-rays;
- **magnetic resonance** of the supra-aortic trunks;
- **blood tests** for specific factors;
- **digestive tract endoscopy** (gastroscopies and colonoscopies, also with retrograde ileoscopy), examinations that can be carried out in diagnostic and operative form, and also with the **special technique of conscious sedation**, eliminating the perception of pain; supplementary tests for *Helicobacter pylori* presence and breath tests are also frequently requested;
- **allergy tests** (prick tests, patch tests, intradermal reactions) to identify other allergy forms that may represent cardiological risks;
- **medical nutritionist consultations** for analyses of dietary

habits, for metabolism checks with the revolutionary Holter monitor and to recommend more appropriate lifestyles;

- **investigations of sleep disorders**, snoring and nocturnal apnoeas, allowing potential serious cardiological risks to be identified with the use polysomnography and CPAP techniques.





RIMINI, WELCOME TO THE ITALIAN DREAM



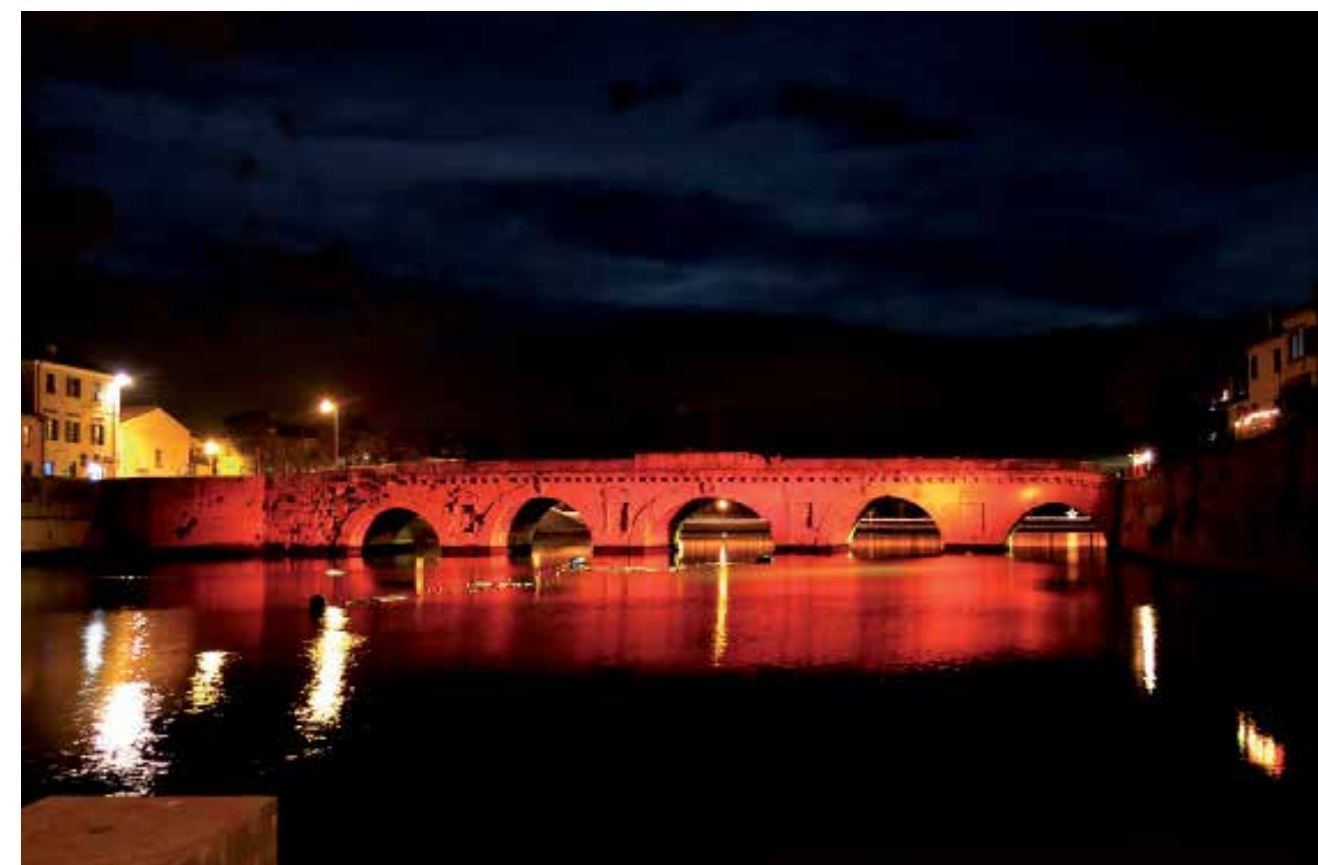
Rimini is a city rich in history and fascination, all waiting to be discovered. An authentic expression of Italy, Rimini is a city with a population of 140,000, offering a bright and bustling atmosphere that always leaves unforgettable memories, splendid beaches, a mild climate for seven months of the year and hundreds of cultural events. With 12 million overnight tourist stays every year, Rimini has long been a popular destination for millions of Italian and foreign holidaymakers from all over the world.

Rimini between history, art and culture.

Founded by the Romans in 268 BC, Rimini has a city centre of worldwide importance, as witnessed by the presence of several major Roman monuments, including the imposing **Augustus Arch**

and the **Tiberius Bridge**. Streets and alleys wind through the attractive city centre, offering great emotions and sights of rare beauty, such as for example the **Malatesta Temple**, a building of extraordinary magnificence that hosts several important paintings, including some by Giotto.

Rimini is also well known for its fine food and wine products. In the city centre there are important restaurants with à-la-carte menus offering all the best specialities of Italian and traditional local cuisine. Excellent fish dishes are also available, thanks to the work of a fishing fleet that returns to the nearby harbour in the early hours of the morning. The variety of gourmet delights continues with fine wines, cheeses and the **delicious local “piadina” flatbread**.





VILLAMARIA



The irresistible fascination of “Made in Italy”.

Rimini is a city in constant evolution, and in the streets of its centre there are boutiques offering the most important brands for top-quality shopping. **All the best “Made in Italy” designer brands** are present, in the sectors of jewellery, clothing, footwear, eyewear and fashion accessories.

Just a short walk away from the city centre is the promenade, the heart of seaside Rimini, in an explosion of colour and creativity. **The eight kilometres of beaches offer excellent recreational facilities and perfect safety, for relaxation in the sunshine** and bathing in a calm and soothing sea. The ideal place to start for shopping is the celebrated Viale Vespucci, perhaps after a leisurely stroll around the elegant gardens of the **Grand Hotel**, admiring **the most famous luxury five-star hotel of the entire Adriatic Riviera**, a place where dreams and legends have long mingled. It is in fact in this hotel that some of the greatest people of world history have stayed, including Rimini-born film director Federico Fellini. Rimini, welcome to the city of dreams.



**Rimini, welcome to the city
of dreams.**

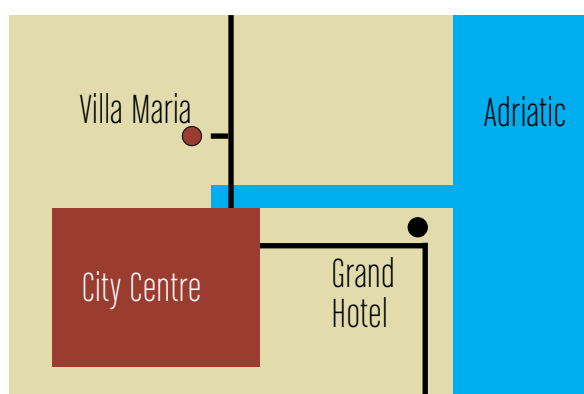


VILLAMARIA



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AT THE CENTRE OF EUROPE, AT THE CENTRE OF EUROPE, IN THE CENTRE OF RIMINI

Villa Maria is close to the city centre, the best hotels and the seafront.

By foot:

- 10 minutes from the city centre, historical monuments and museums
- 15 minutes from the Grand Hotel the seafront

By road:

- 15 minutes from Rimini Airport
- 2 hours from Venice
- 2 hours from Florence
- 3 hours from Milan
- 3.5 hours from Rome

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