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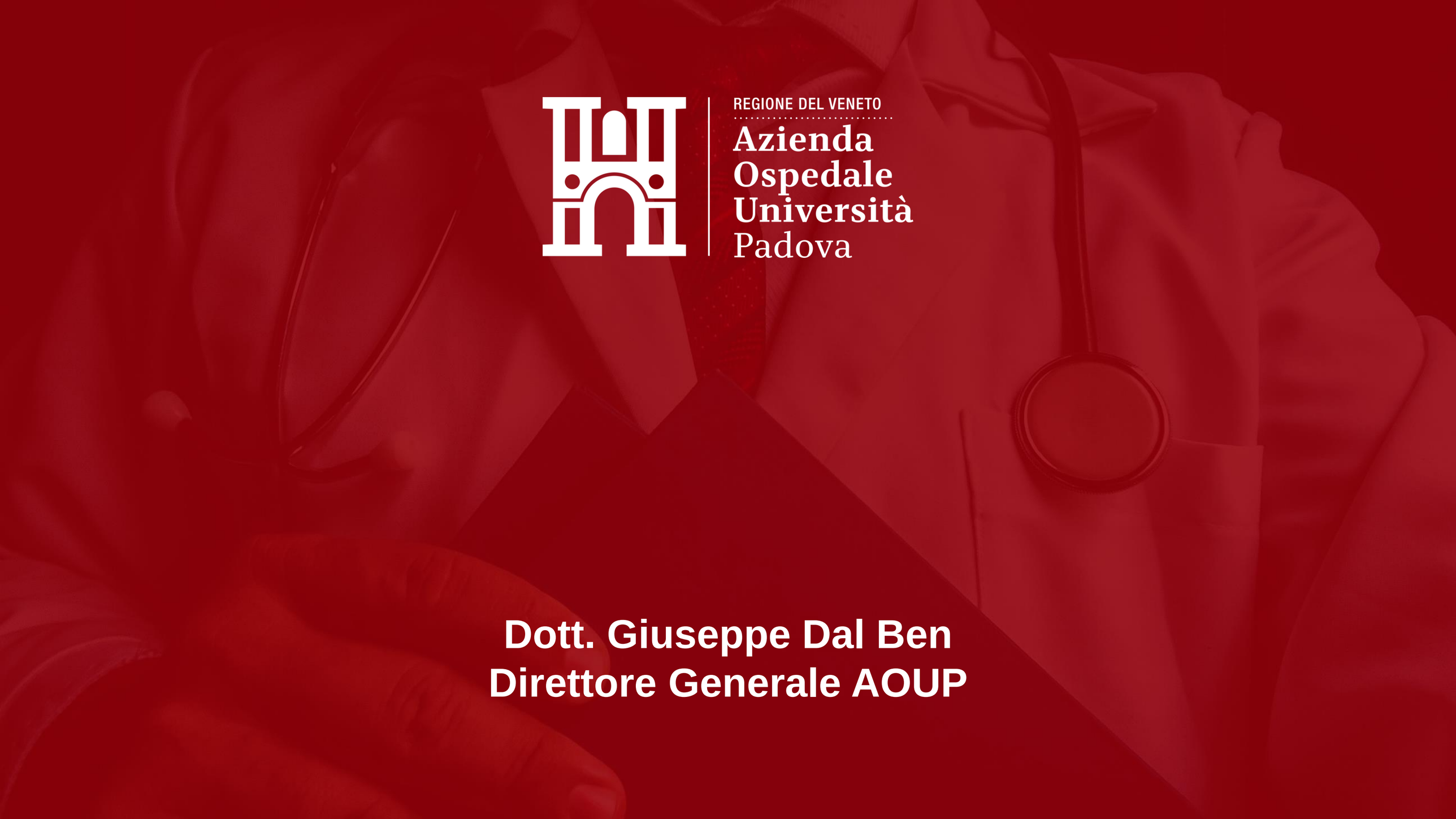

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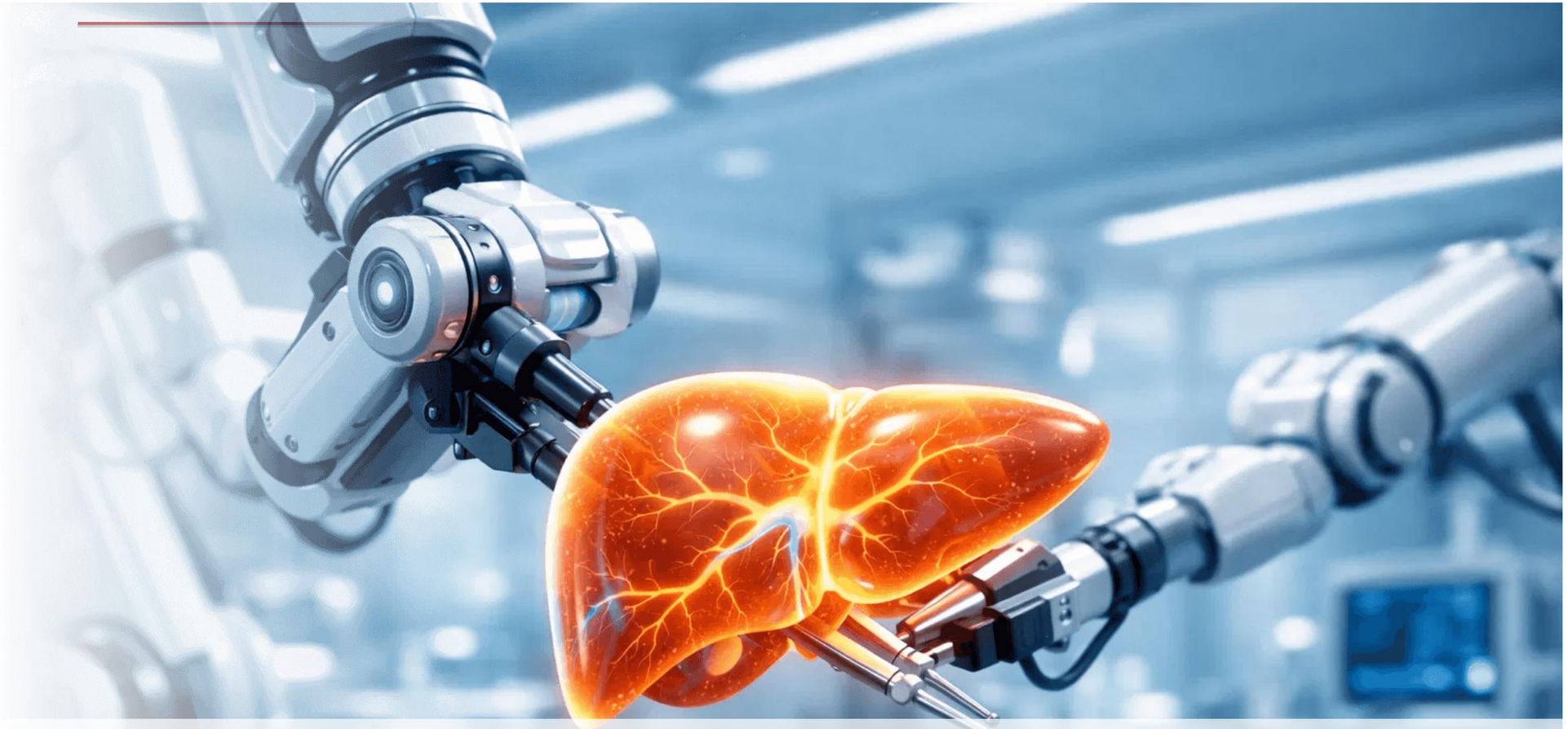
Dott. Giuseppe Dal Ben
Direttore Generale AOUP

REGIONE DEL VENETO

Azienda Ospedale Università Padova

Prof. Umberto Cillo M.D. FEBS
Direttore UOC Clinica Chirurgica Generale
Epato-Bilio-Pancreatica e Centro Trapianto di Fegato AOUP

TRAPIANTO DI FEGATO ROBOTICO



Umberto Cillo M.D. FEBS

Professor of General Surgery
Director, HPB Surgery and Liver Transplantation Unit
”Clinica Chirurgia Generale epatobiliopancreatica e trapianto di fegato"
Director, Department of Surgical Oncologic and Gastroenterologic Sciences
Padova University
University Hospital Padova,
ESOT president elect

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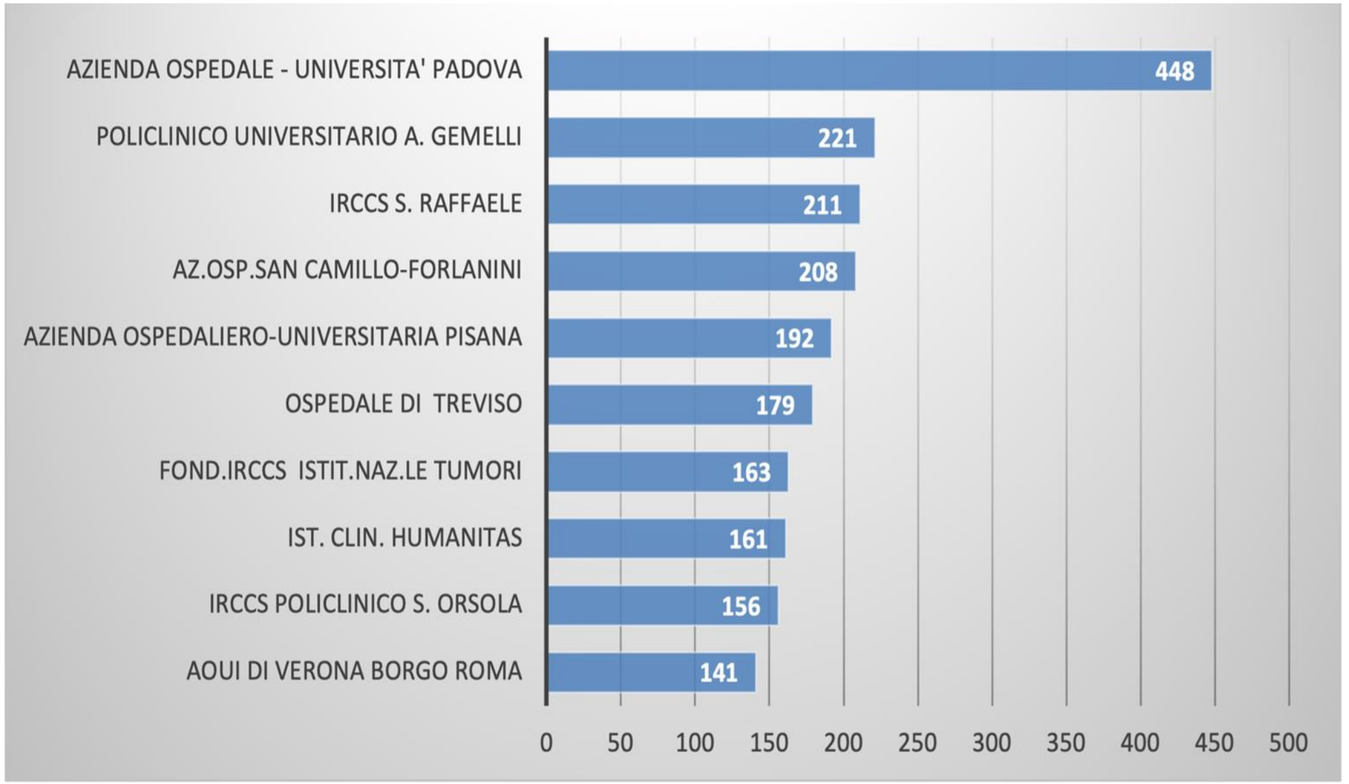
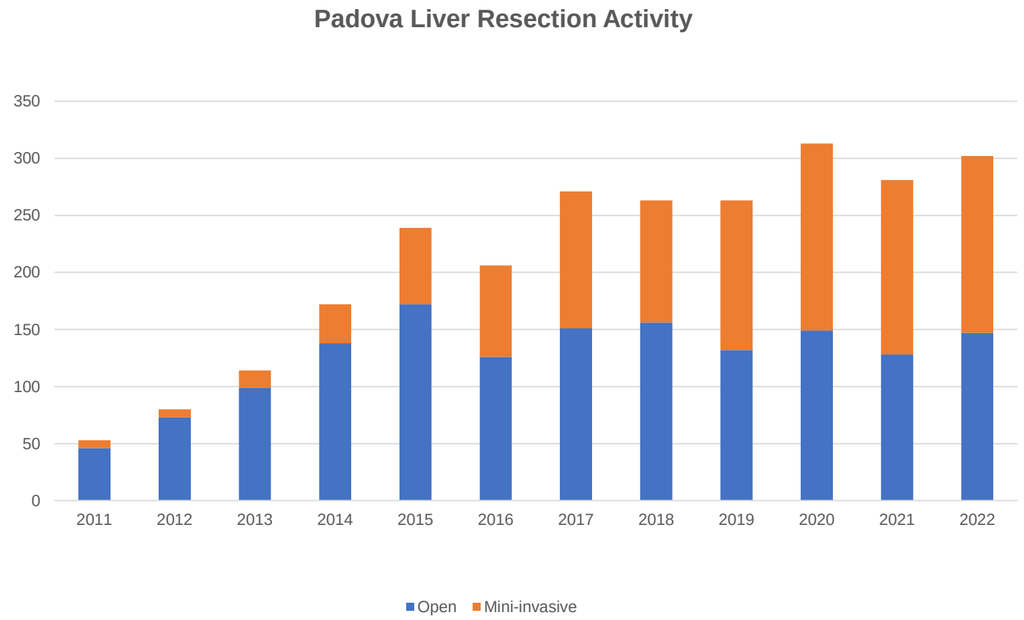
ATTIVITA’ DI CHIRURGIA MINI INVASIVA

PRIMO CENTRO D’ITALIA PER TRATTAMENTO DI TUMORI DEL FEGATO



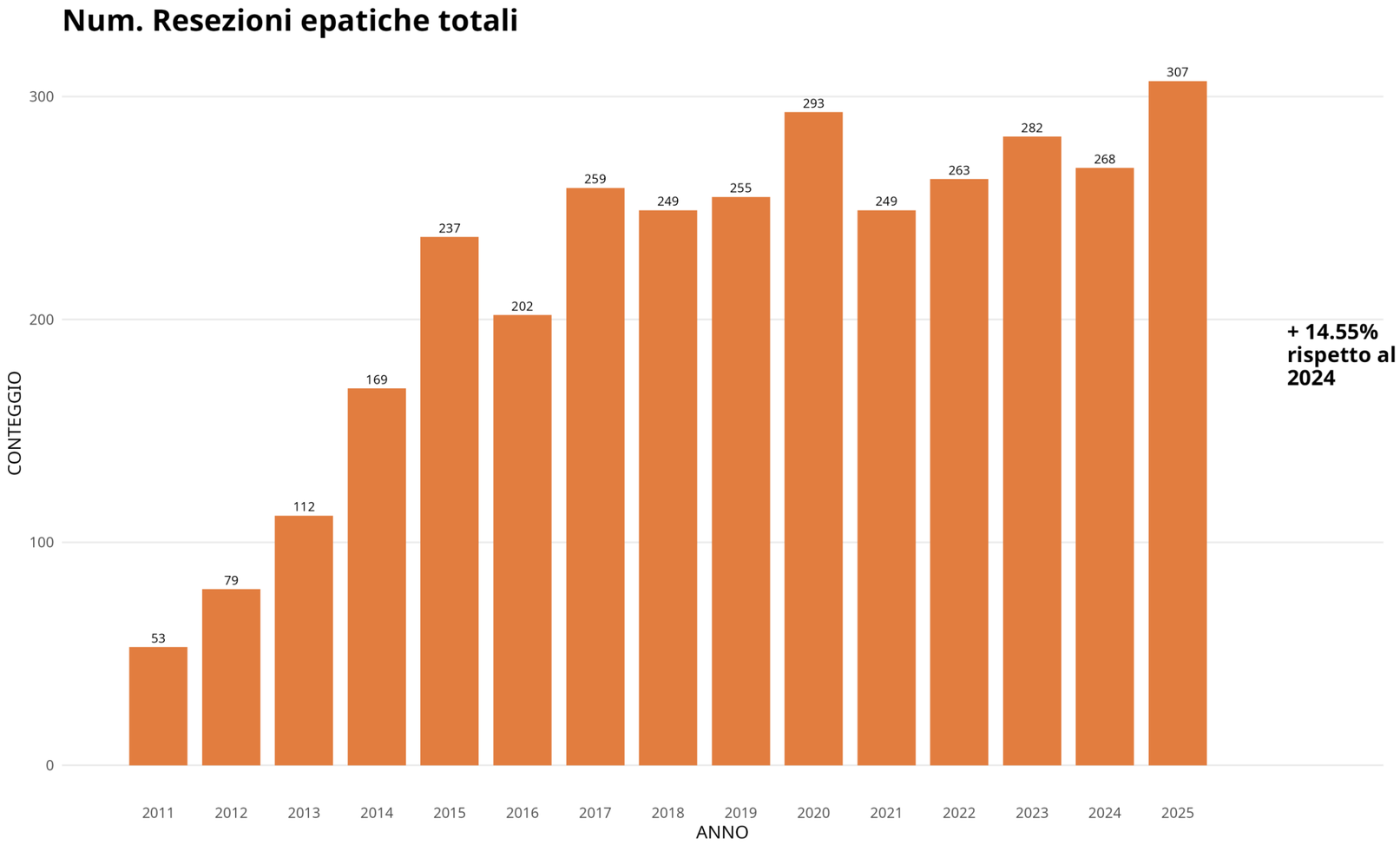


agenas. AGENZIA NAZIONALE PER I SERVIZI SANITARI REGIONALI

REGIONE DEL VENETO Azienda Ospedale Università Padova

Volumi chirurgici – Clinica Chirurgica Epatobiliopancreatica e Trapianto di Fegato

ATTIVITA’ ASPORTAZIONE TUMORI DEL FEGATO



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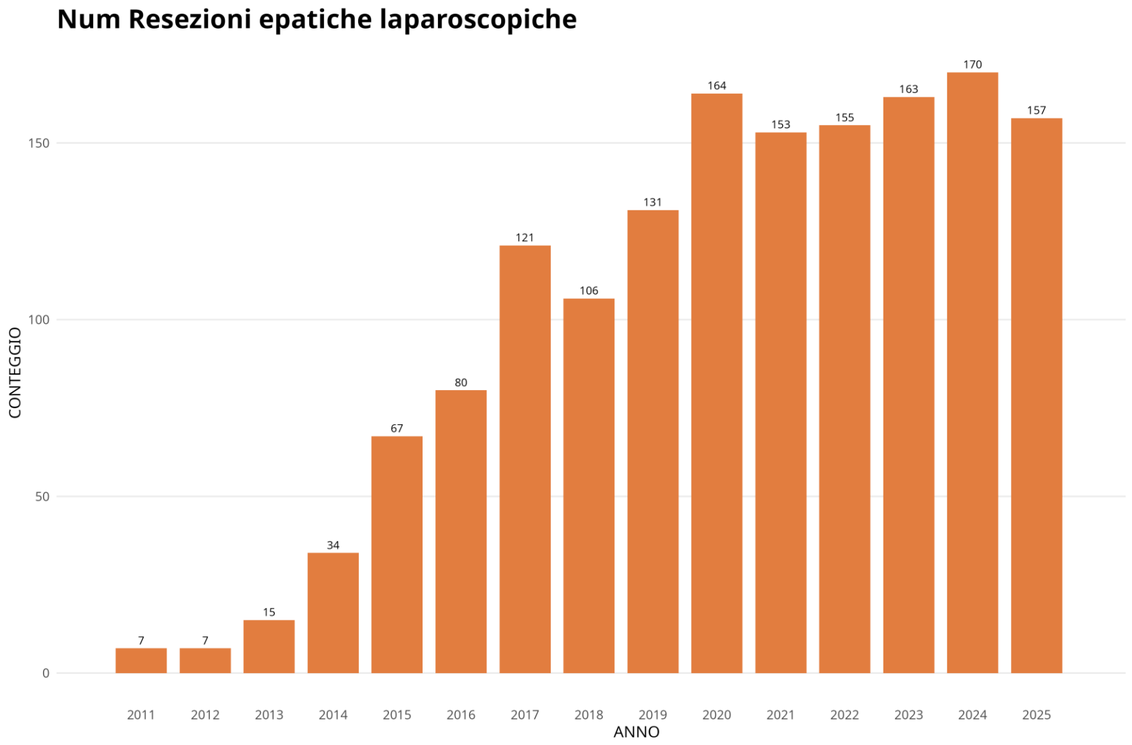
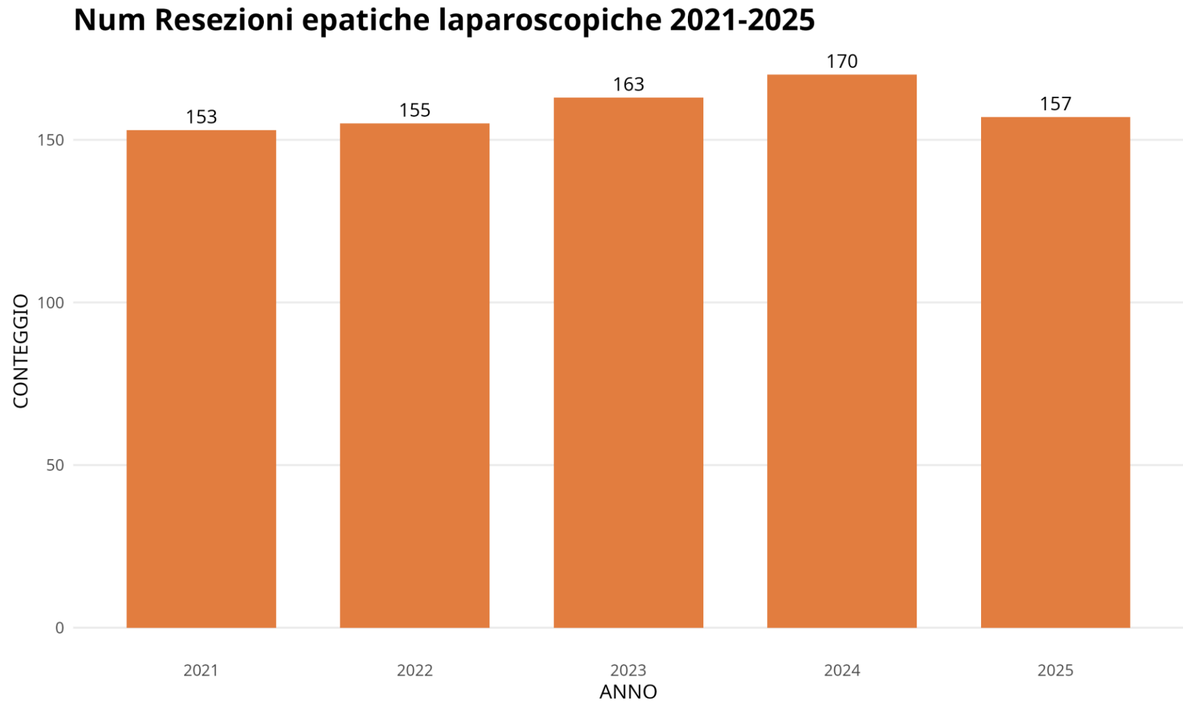
Volumi chirurgici – Clinica Chirurgica Epatobiliopancreatica e Trapianto di Fegato

RESEZIONI EPATICHE MINI INVASIVE: LAPAROSCOPICHE o ROBOTICHE





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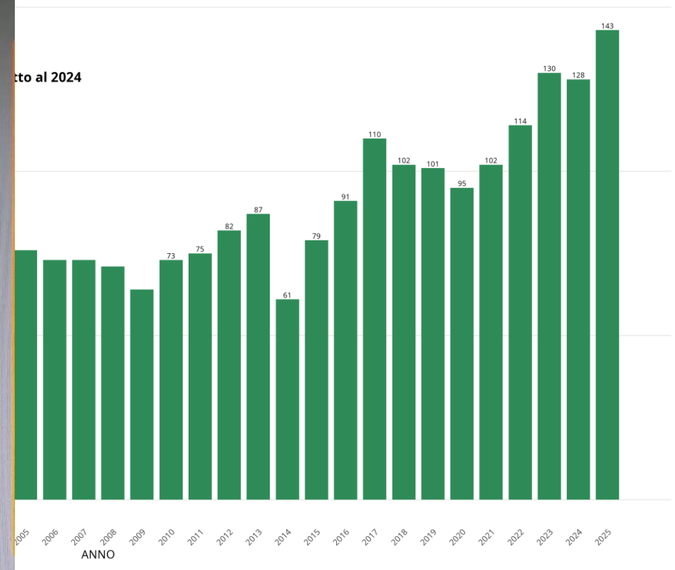
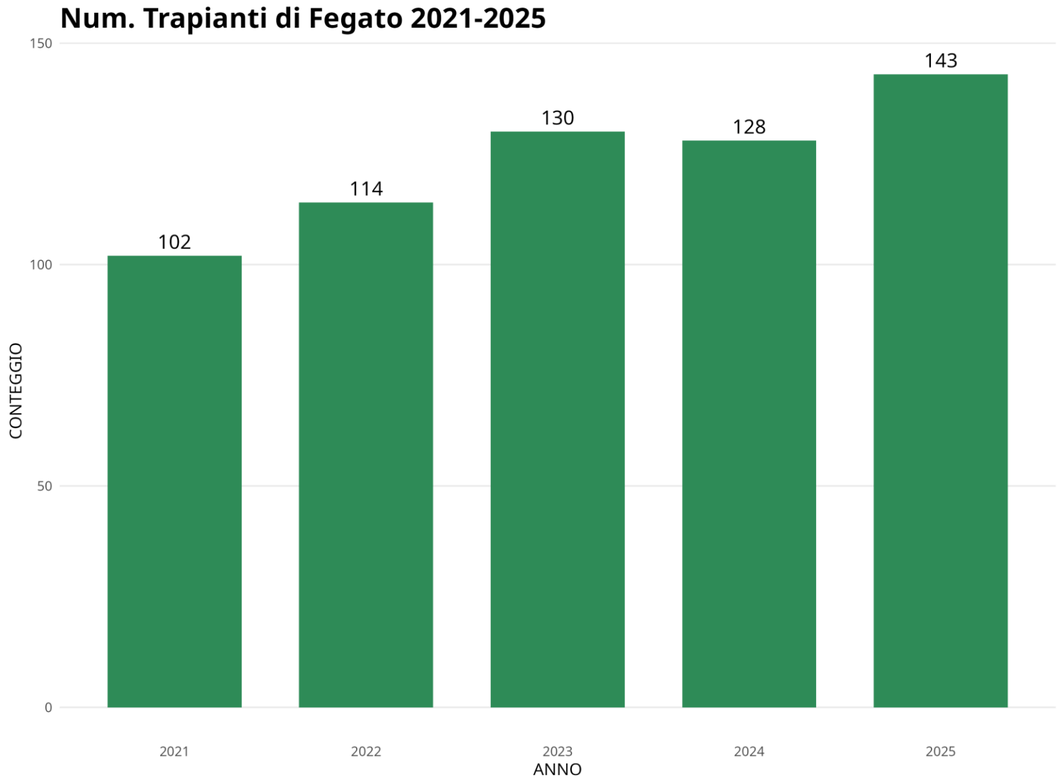
Volumi chirurgici – Clinica Chirurgica Epatobiliopancreatica e Trapianto di Fegato

TRAPIANTI DI FEGATO

+11.7%





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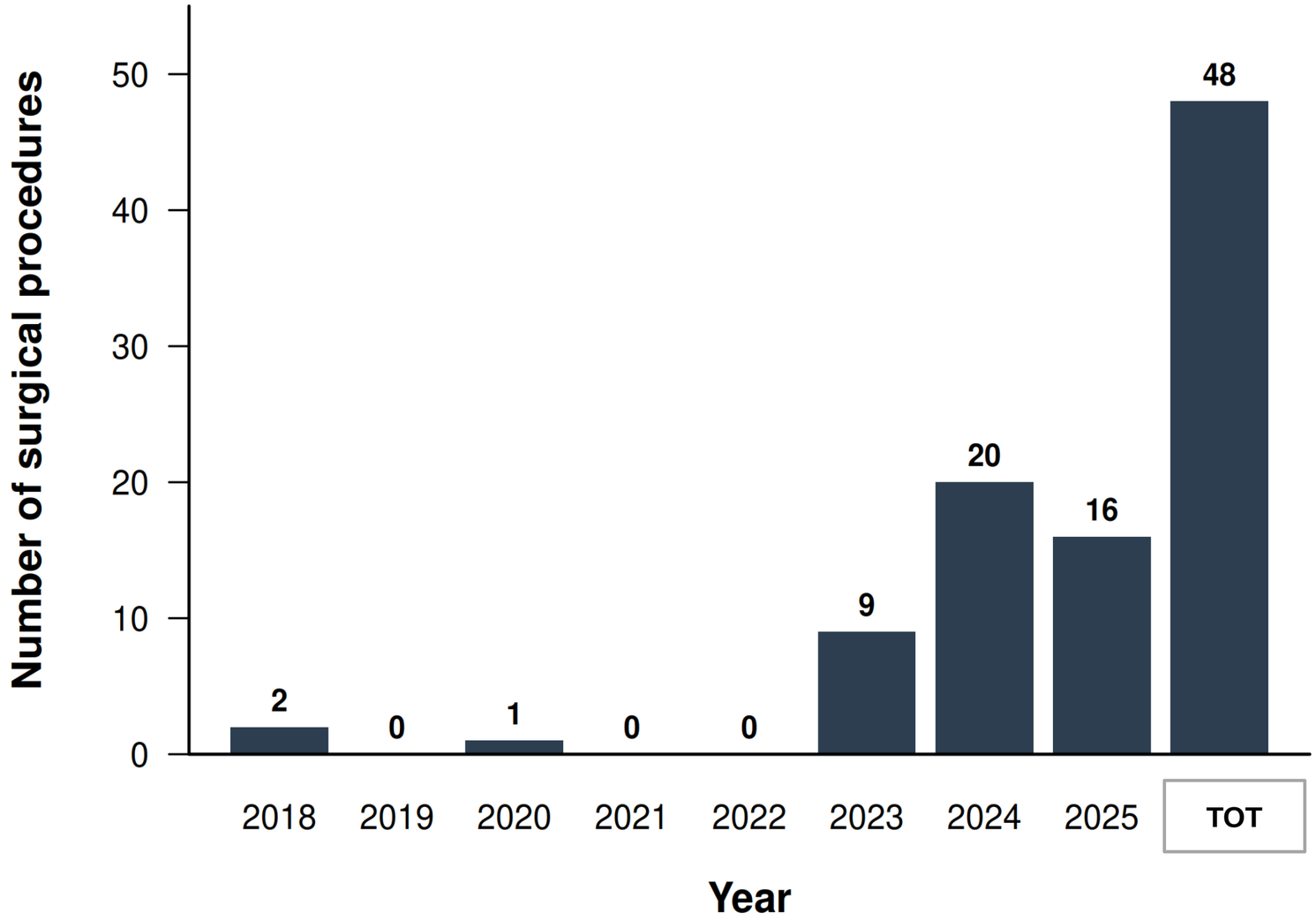
Volumi chirurgici – Clinica Chirurgica Epatobiliopancreatica e Trapianto di Fegato

CHIRURGIA ROBOTICA DEL FEGATO E VIE BILIARI



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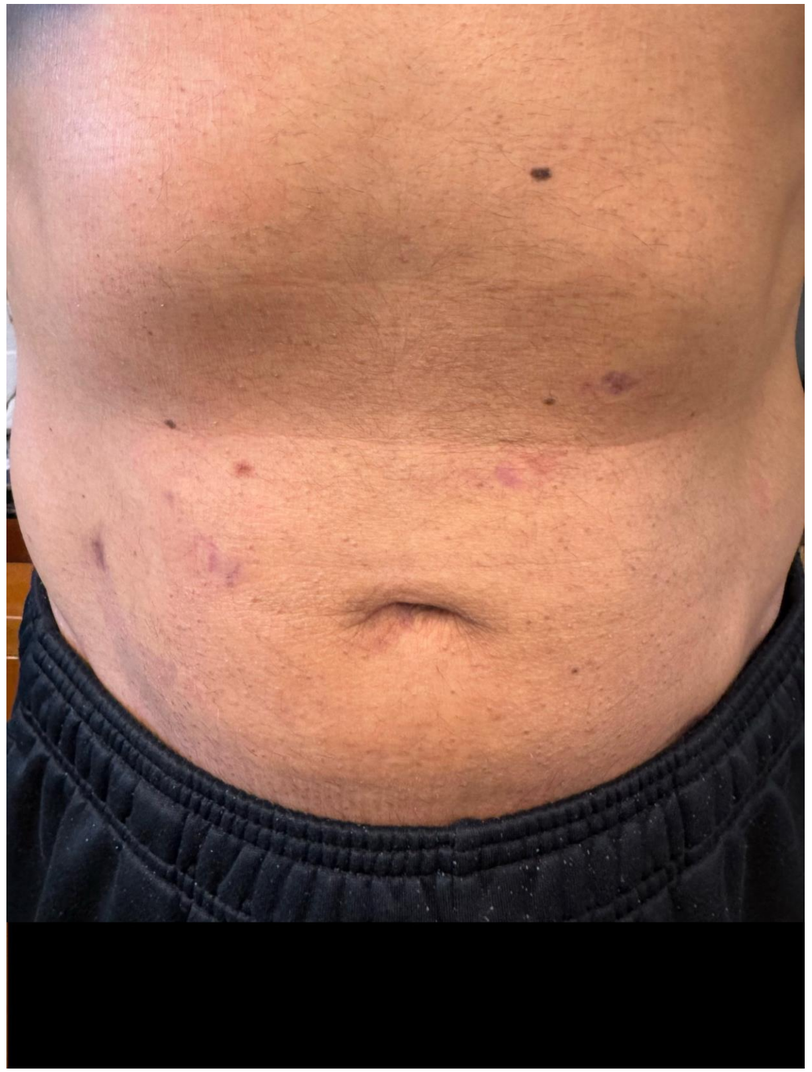
PERCHE’ IL TRAPIANTO DI FEGATO IN MININVASIVITA’ (ROBOTICA) ERA UNA SFIDA CONSIDERATA IMPOSSIBILE?



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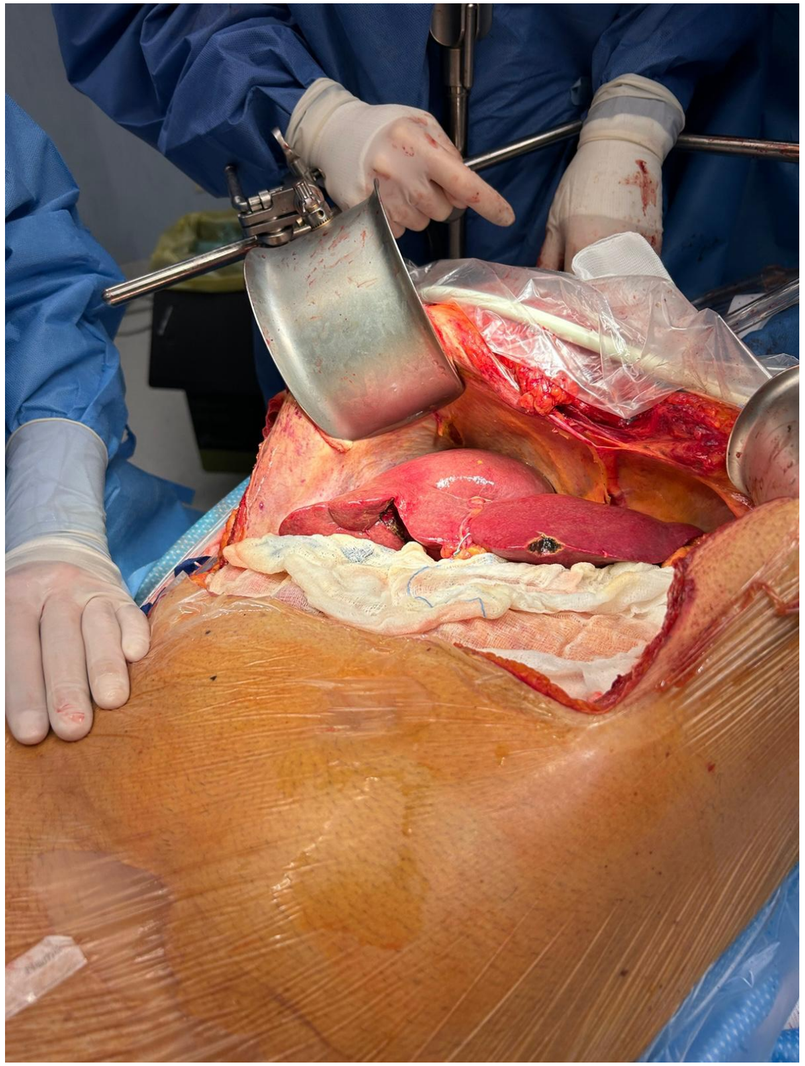
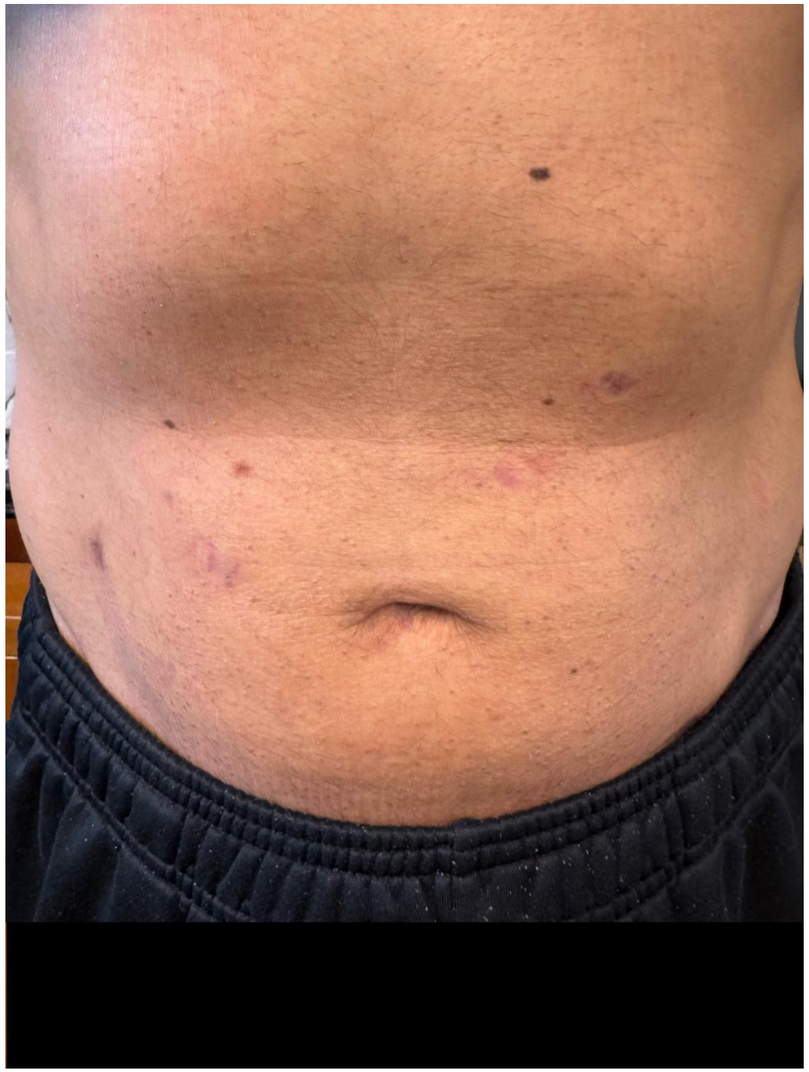
PERCHE’ IL TRAPIANTO DI FEGATO IN MININVASIVITA’ (ROBOTICA) ERA UNA SFIDA CONSIDERATA IMPOSSIBILE?

Da così



A così



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PERCHE’ E’ COMPLESSO

Le «prime» della chirurgia robotica

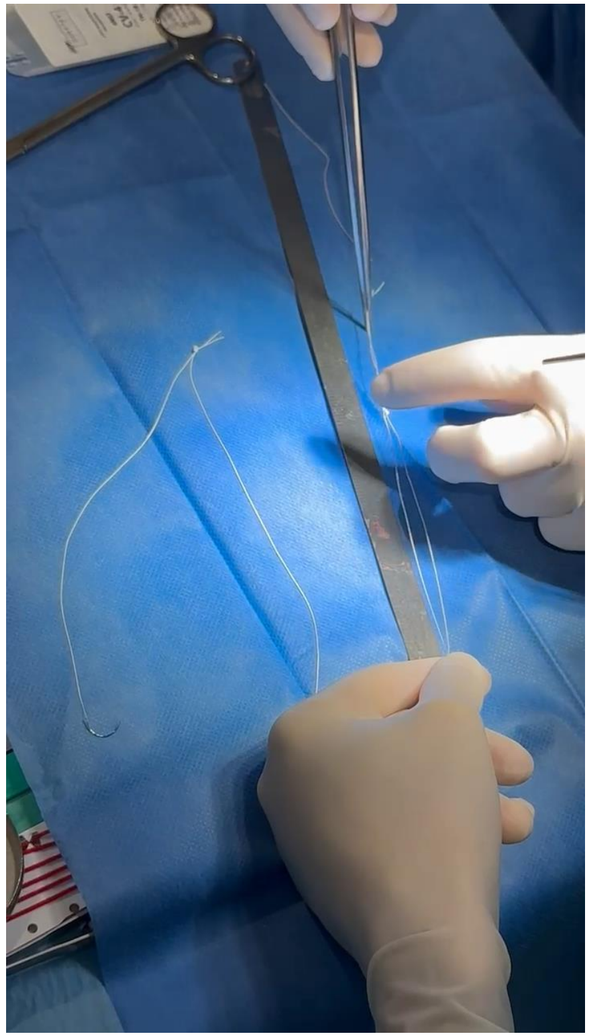
PERCHE’ IL TRAPIANTO DI FEGATO E’ COSI’ COMPLESSO?

ASSENZA DI MACCHINE CHE SOSTITUISCANO IL FEGATO IN CASO DI MALFUNZIONE

VOLUME DEL FEGATO (organo piu grande del corpo)

TEMPI DI IMPIANTO LIMITATI

MOLTE COMPLESSE ANASTOMOSI (cuciture)
ALCUNE MICROCHIRUGICHE



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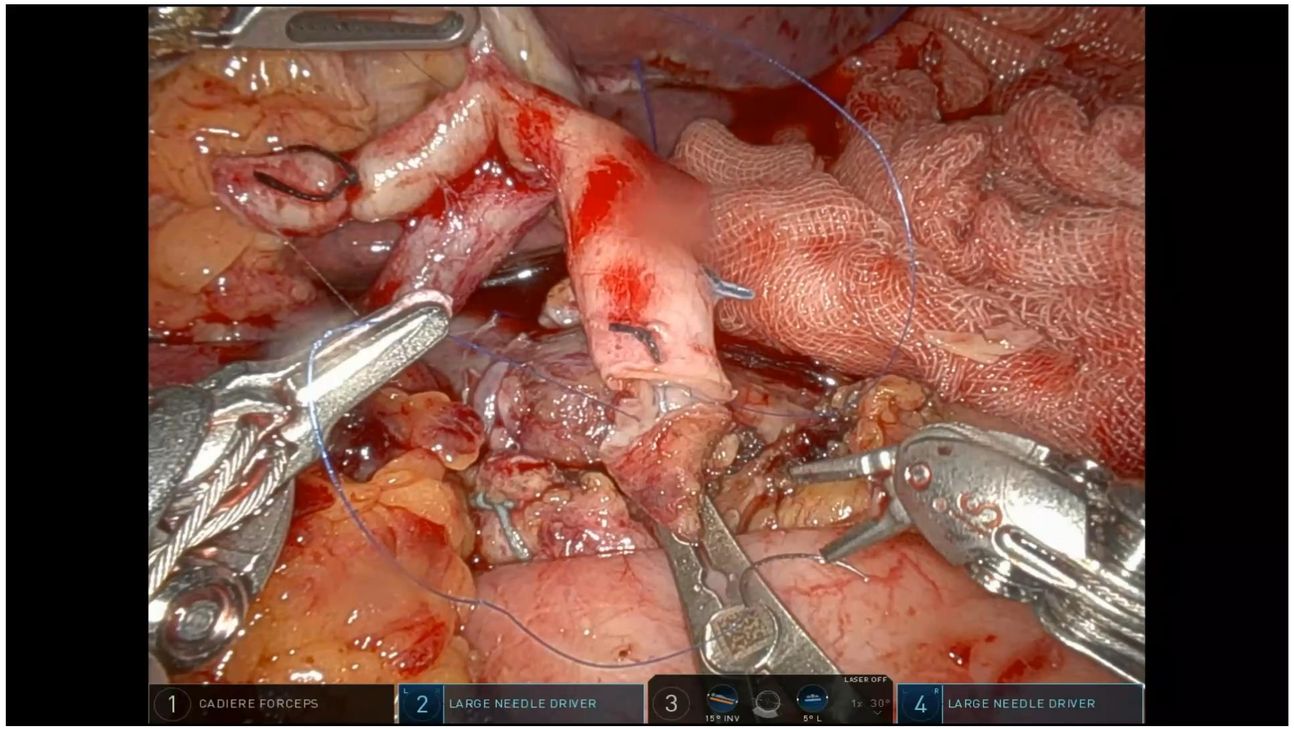
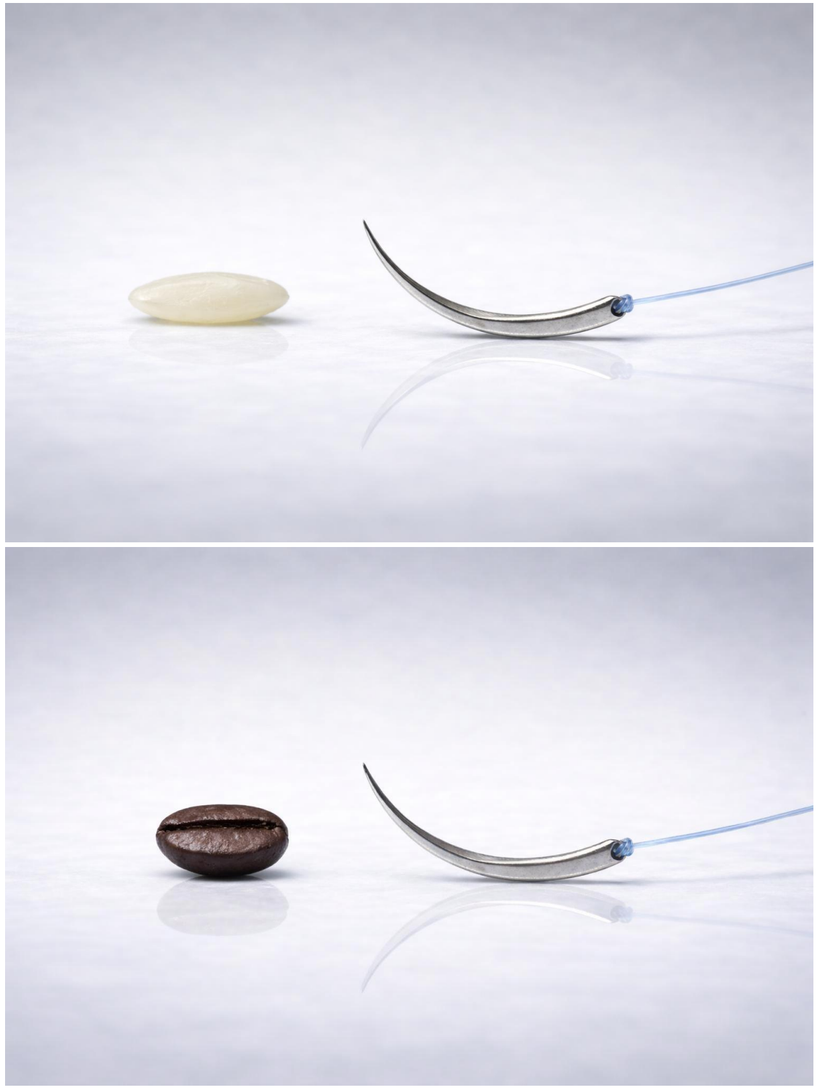
PERCHE’ E’ COMPLESSO

COMPLESSITA’ DELLE ANASTOMOSI

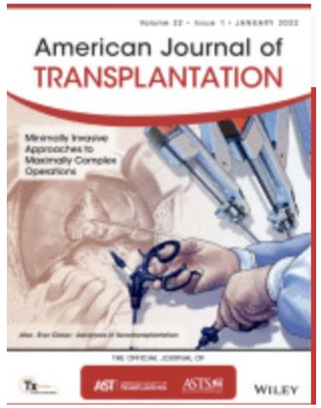




PRIMI REPORT MONDIALI

2022

First report of Minimally invasive Liver Transplant (Right Graft for LDLT)



BRIEF COMMUNICATION

AJT

Pure laparoscopic living donor liver transplantation: Dreams come true

Kyung-Suk Suh[1] | Suk Kyun Hong[1] | Sola Lee[1] | Su young Hong[1] | Sanggyun Suh[1] | Eui Soo Han[1] | Seong-Mi Yang[2] | YoungRok Choi[1] | Nam-Joon Yi[1] | Kwang-Woong Lee[1]

Am J Transplant. 2022;22:260–265.

First robotic liver transplant in U.S. performed by Washington University surgeons

Groundbreaking surgery performed at Barnes-Jewish Hospital in St. Louis

by **Tamara Bhandari** • July 12, 2023

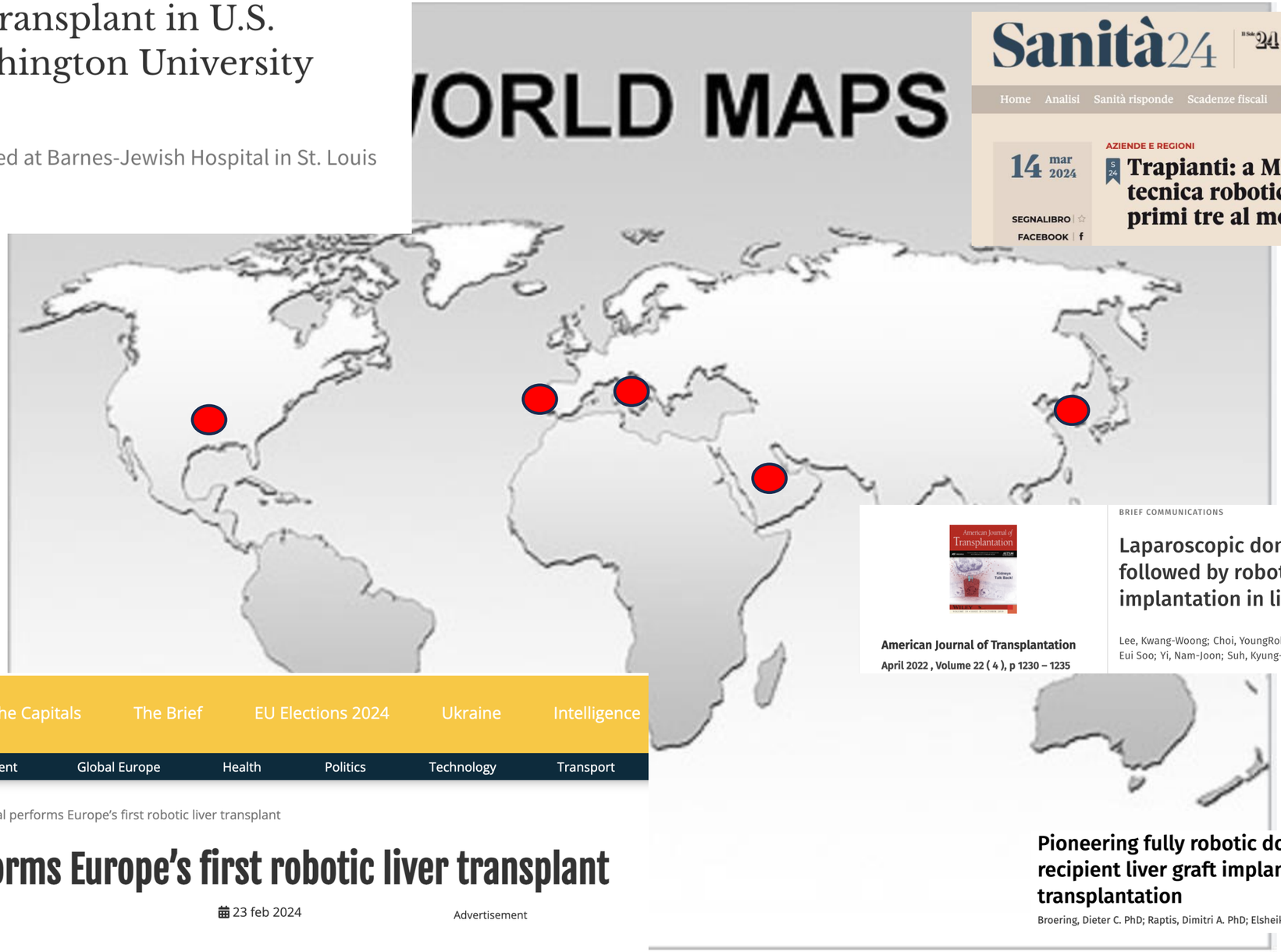
FEGATO INTERO

PRIMI REPORT

First robotic liver transplant in U.S. performed by Washington University surgeons

Groundbreaking surgery performed at Barnes-Jewish Hospital in St. Louis

by **Tamara Bhandari** • July 12, 2023



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14 mar 2024

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AZIENDE E REGIONI

Trapianti: a Modena nuovo fegato con tecnica robotica. Primo caso in Italia e tra i primi tre al mondo

American Journal of Transplantation

April 2022 , Volume 22 (4), p 1230 – 1235

BRIEF COMMUNICATIONS

Laparoscopic donor and recipient hepatectomy followed by robot-assisted liver graft implantation in living donor liver transplantation

Lee, Kwang-Woong; Choi, YoungRok; Hong, Suk Kyun; Lee, Sola; Hong, Su young; Suh, Sanggyun; Han, Eui Soo; Yi, Nam-Joon; Suh, Kyung-Suk Informazioni sull'autore

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Portuguese hospital performs Europe's first robotic liver transplant

By Helena Neves | Lusa.pt Est. 1min

23 feb 2024

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Content-Type: News

Pioneering fully robotic donor hepatectomy and robotic recipient liver graft implantation – a new horizon in liver transplantation

Broering, Dieter C. PhD; Raptis, Dimitri A. PhD; Elsheikh, Yasser MD

INTERNATIONAL JOURNAL OF SURGERY

TRAPIANTO DI FEGATO INTERO PUBBLICATI NEL MONDO OGGI

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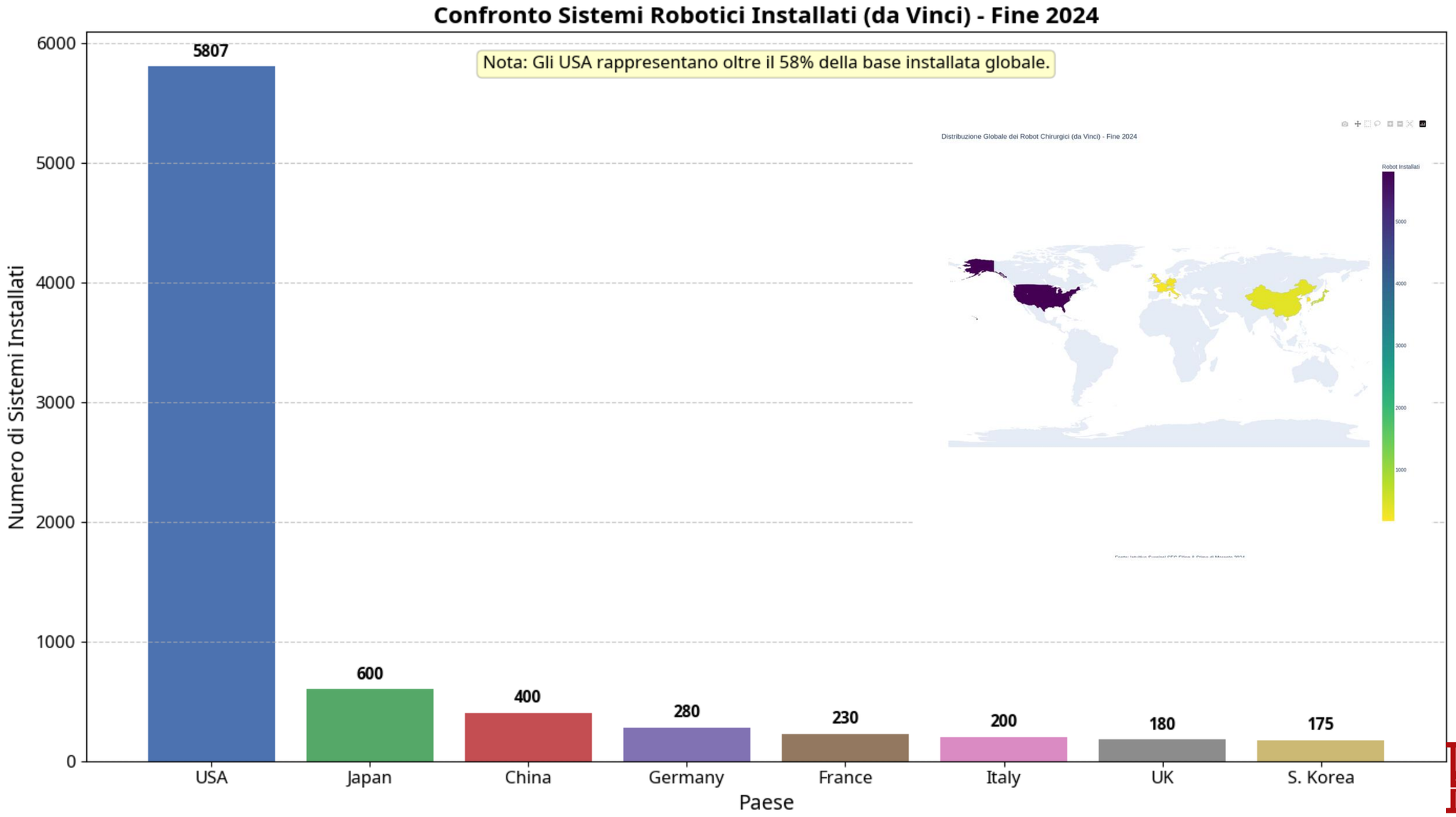
Mercato dei robot chirurgici: analisi e crescita



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ROAD MAP AL TRAPIANTO ROBOTICO

Clinica Chiurgica Epatobiliopancreatica e Trapianti di Fegato Padova

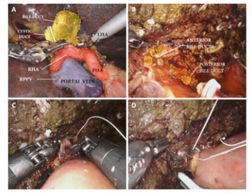
Updates in Surgery
https://doi.org/10.1007/s13304-021-01041-3

ORIGINAL ARTICLE

Robotic hepatectomy and biliary reconstruction for perihilar cholangiocarcinoma: a pioneer western case series

Umberto Cillo[1]

Received: 16 November 2020 / Accepted: 22 March 2021



1° serie occidentale al mondo

26° caso Robotico di colangiocarcinoma

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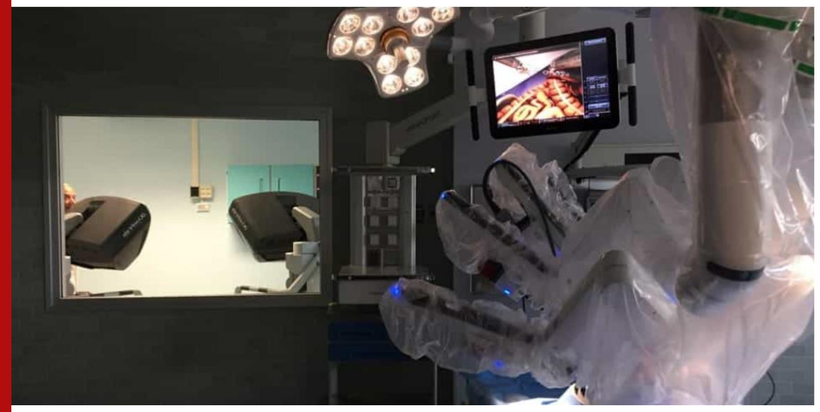
SET UP DI SALA OPERATORIA

IL TEAM CONSOLE

Prof. Cillo su console attiva

1° Assistente su seconda console attiva

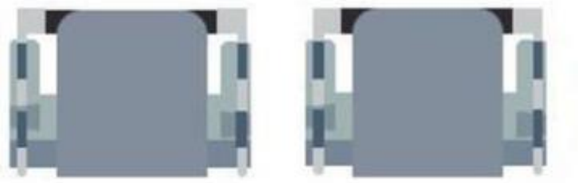


WALL

IL TEAM AL LETTO

- Secondo Assistente sul campo operativo
- Team di anestesia
- Strumentista
- Infermiera circolante

SET UP DI SALA OPERATORIA



Double console

Anesthesiologist

Robot

4k monitor

LS system

traoperative US

Surgeon

Scrub Nurse

Monitor 4K with ICG fluorescence

Intraoperative US

Monopolar energy device

Bipolar forceps

Vascular stapler

Operative US

Ultrasonic dissector

Energy device

Hem-o-loks – 3/0 -4/O prolene ready

Suction for open surgery ready

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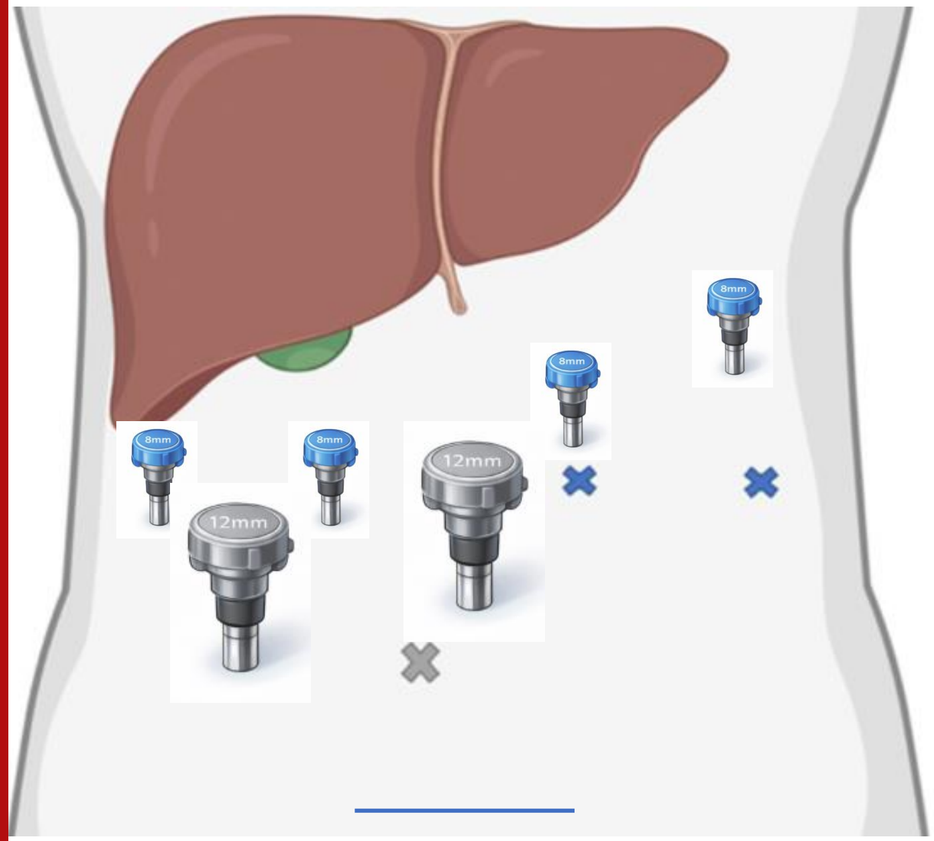
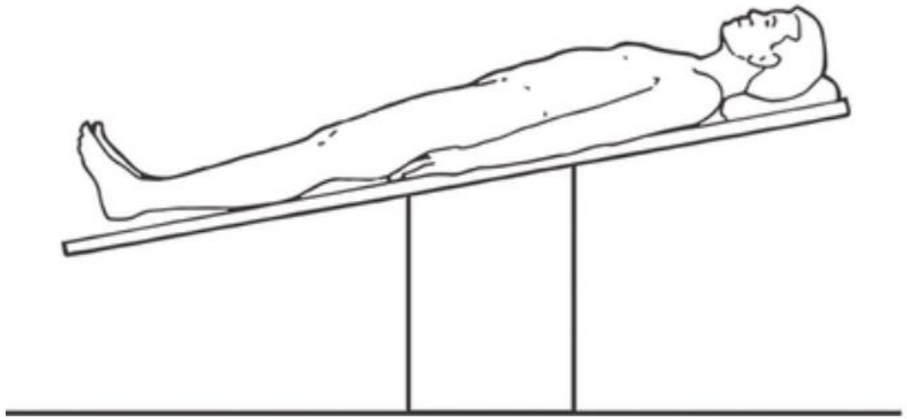
SET UP DI SALA OPERATORIA

Double console





Reverse **Trendelenburg** position: 10 – 15 degrees

Left side bed rotation 5– 10 degrees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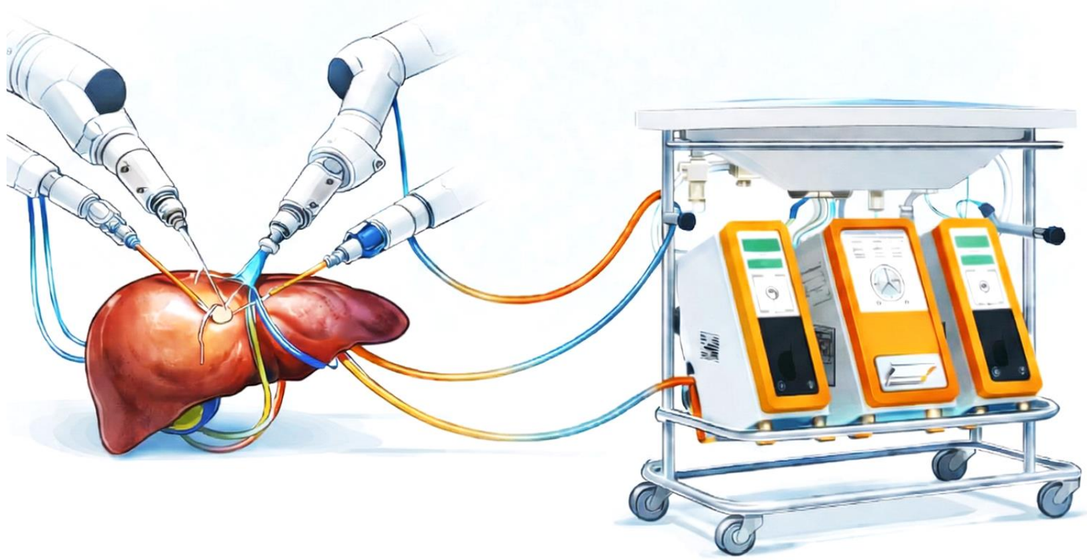
Padova
SURGICAL

L’INNOVAZIONE TECNICA (1° assoluta al mondo)

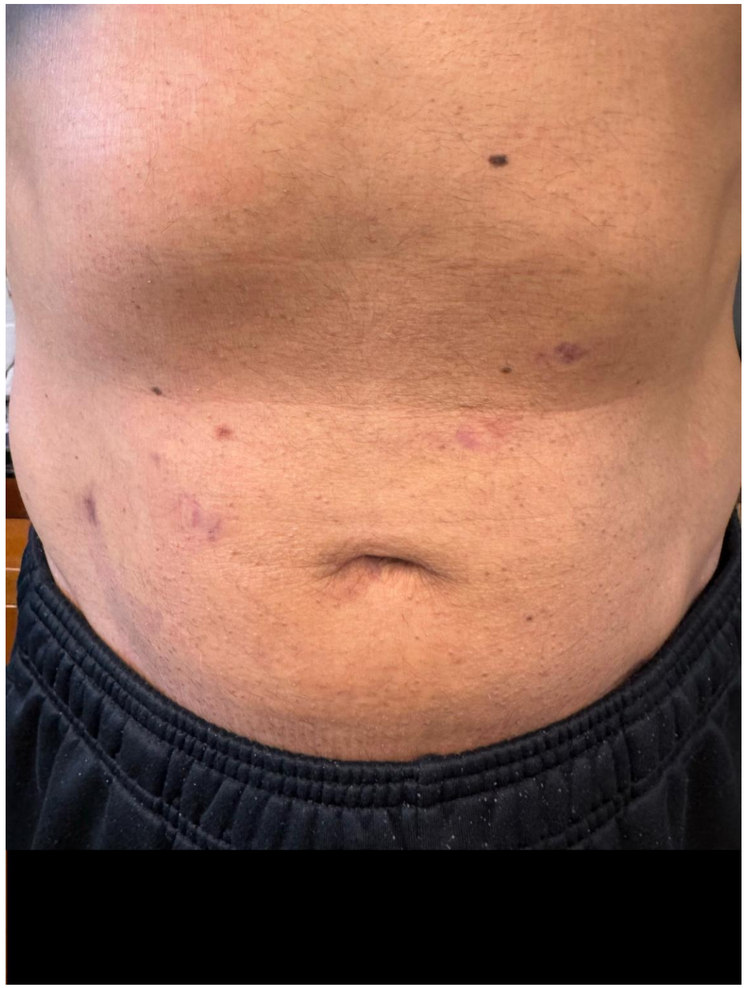
TRAPIANTO ROBOTICO
MACHINE PERFUSION ASSISTITO




Azienda
Ospedale

VANTAGGI POTENZIALI PER IL PAZIENTE

1. Degenza ridotta in terapia intensiva e in ospedale
2. Dolore postoperatorio più breve e meglio controllato
3. Minor rischio di complicanze di parete
4. Minor rischio infettivo
5. Miglior risultato estetico



IL FUTURO

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