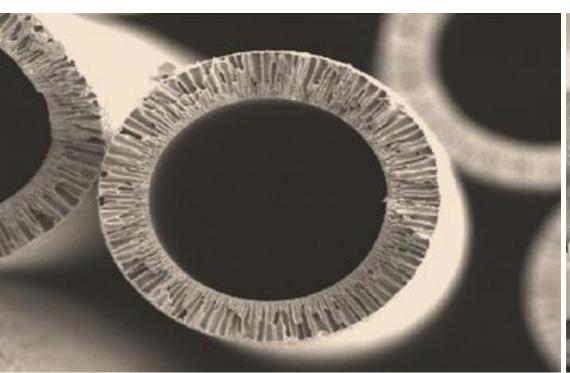
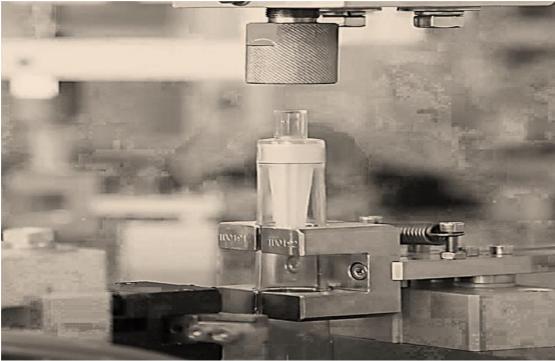
MEDICA

Medica Presentation Half Year 2023 Results

SEPTEMBER, 29 2023











Today's Speakers

LUCIANO FECONDINI



FOUNDER & CEO

- Founded Medica in 1985 as an R&D Lab
- PREVIOUSLY, HE WORKED
 AS CONSULTANT FOR
 BIOMED MNOS IN USA,
 THEN AS HEAD OF GLOBAL
 R&D AT AMICON
 (MASSACHUSETTS)
- GRADUATED IN CHEMICAL ENGINEERING IN 1972

MARCO FECONDINI



HEAD OF BUSINESS
DEVELOPMENT

- Joined Medica in 2011
- IN MEDICA HE COVERED
 ROLES OF INCREASING
 RESPONSIBILITIES ACROSS
 SEVERAL FUNCTIONS
- PHD IN AGRICULTURAL SCIENCES
- GRADUATED IN
 AGRICULTURAL SCIENCES

LETIZIA BOCCHI



CHIEF IP OFFICER

- Joined Medica in 2010
- 5yrs as Research
 Fellow at University of
 Modena & Reggio Emilia
- PHD IN BIOCHEMISTRY,
 MOLECULAR BIOLOGY AND
 BIOTECHNOLOGY
- GRADUATED IN
 BIOTECHNOLOGY

GIOVANNI PLASMATI



IR & CHIEF
FINANCIAL OFFICER

- O JOINED MEDICA IN 2021
- O 15YRS AS AUDITOR FOR PWC UP TO SENIOR

 MANAGER ROLE
- MSc in Finance and Control
- GRADUATED IN ECONOMICS
 AND BUSINESS
 ADMINISTRATION

INTRODUCTION TO MEDICA GROUP

MEDICA

Global solution provider for healthcare players

BIOMED AND MED-TECH R&D POWERHOUSE
IN MEMBRANES AND ELECTROMEDICAL DEVICES

LEVERAGING ON UNIQUE ON-THE-SHELF KNOW-HOW ACROSS THE

ENTIRE VALUE-CHAIN AND A RICH PORTFOLIO OF PROPRIETARY PATENTS



MAINLY FOR THE BLOOD AND WATER TREATMENT MARKETS

SUPPLYING OWN BRAND PRODUCTS AND TIER 1 GLOBAL PARTNERS IN MORE

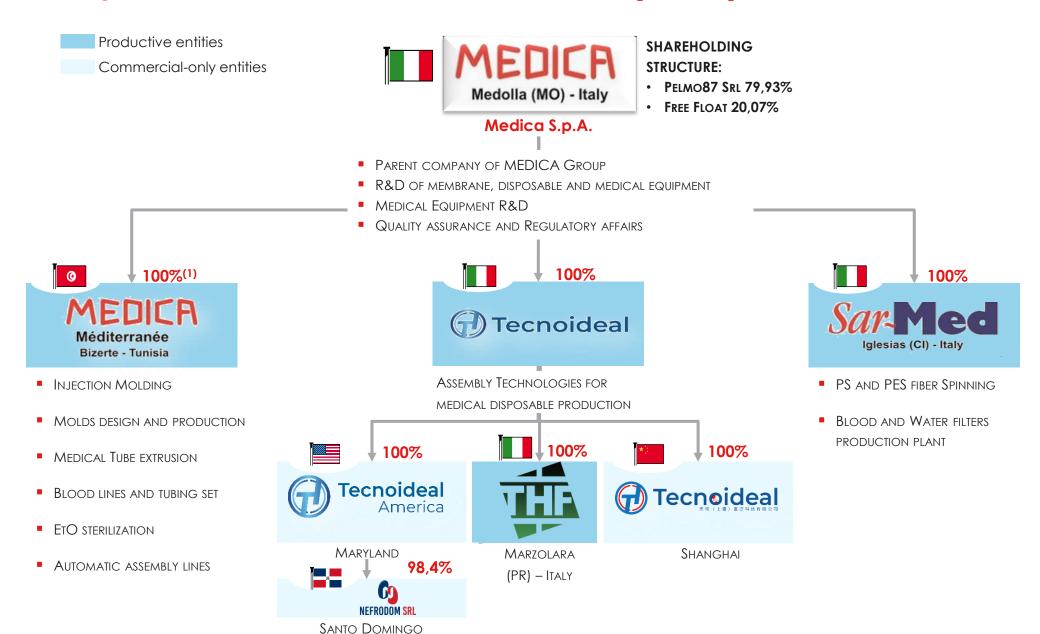
THAN 60 COUNTRIES, BOTH CUSTOM AND THROUGH CATALOGUE

SCALABLE TO COUNTLESS

MARKETS AND APPLICATIONS

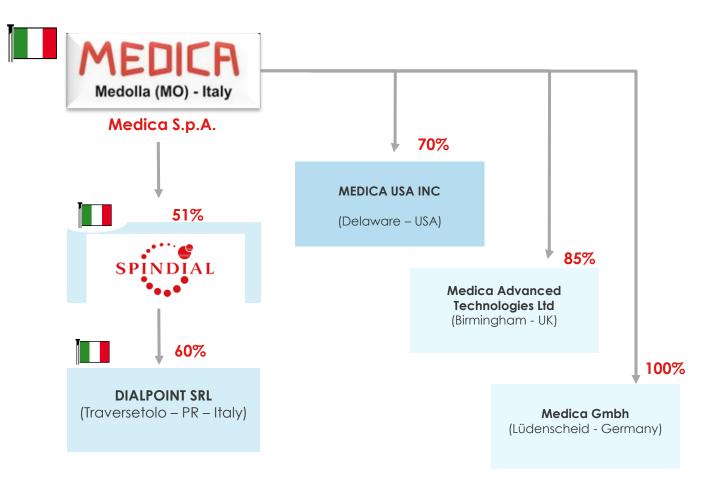


Group Structure – Consolidated Entities (1 of 2)





Group Structure – Consolidated Entities (2 of 2)



SPECIALIZED IN THE DISTRIBUTION AND
TECHNICAL ASSISTANCE OF MEDICAL DEVICES
FOR HOSPITAL AND HOME DIALYSIS AND IN THE
MANAGEMENT OF DIALYSIS CENTERS

MEDICA USA INC

GEOGRAPHICAL EXPANSION OF MEDICAL SALES IN A TERRITORY
THAT HAS ALWAYS REPRESENTED ONE OF THE MOST IMPORTANT
FOR MEDICA

SIGNED ON 1 MARCH 2023 A DEFINITIVE AGREEMENT WITH EVOQUA WATER TECHNOLOGIES, AN INDUSTRY LEADER IN MISSION-CRITICAL WATER TREATMENT SOLUTIONS, TO ACQUIRE ASSETS TO MANUFACTURE BLOOD AND WATER FILTER PRODUCTS. EVOQUA WILL RETAIN DISTRIBUTION RIGHTS TO THE WATER FILTER PRODUCT LINE, INCLUDING BIOSCIENCE PRODUCT FILTERS AND AUTOMATED ENDOSCOPE REPROCESSOR (AER) FILTERS.

SIGNED ON 5 APRIL 2023 AN INVESTMENT CONTRACT OF 1,9 €MLN WITH SIMEST - THE COMPANY OF THE CASSA DEPOSITI E PRESTITI GROUP FOR THE INTERNATIONALIZATION OF ITALIAN COMPANIES — OF WHICH 0,8 €MLN TAKEN IN APRIL IN THE FORM OF THE ACQUISITION OF A 30% STAKE IN MEDICA USA AND 1,1 €MLN IN SIGNING OF AN INTEREST-BEARING SHAREHOLDER LOAN AGREEMENT (NOT YET PROVIDED).

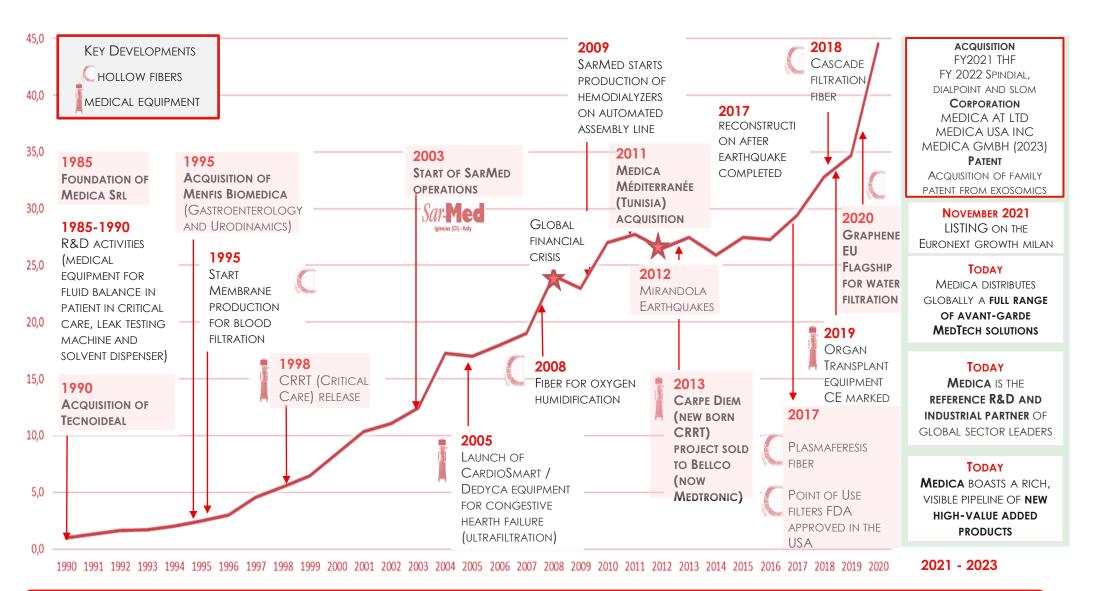
MEDICA GMBH (INCORPORATED IN FEB 2023)

GEOGRAPHIC EXPANSION PROJECT OF MEDICA'S BUSINESS, WITH A PARTICULAR FOCUS ON DIRECT SALES IN THE APHERESIS DIVISION.





35+ Years Pioneering Membrane & Medical Equipment Innovation



MEDICA SHOWED GREAT RESILIENCE AFTER GLOBAL FINANCIAL CRISIS AND THE 2012 EARTHQUAKES, AND IS NOW IN THE SWEET SPOT FOR A SUCCESSFUL LISTING TO ACCELERATING GROWTH FURTHER, EXPLOITING CLEAR ORGANIC AND M&A OPPORTUNITIES

MEDICA

Leading Pocket-Size Italian Multinational MedTech

KEY FACTS

~60% OF REVENUES OUTSIDE ITALY

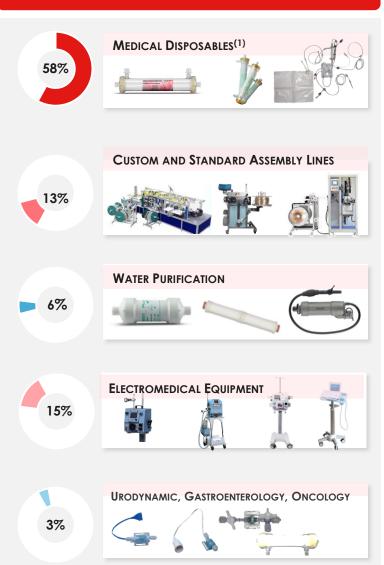




7 PENDING



REVENUES BREAKDOWN⁽²⁾





HY2023A CONSOLIDATED	€M	% REV / LEV (X)
REVENUES	33.4	
EBITDA	3.7	11%
EBIT	0.2	1%
NET LOSS	-0.2	-1%
NET DEBT	15.5	



Diversified Among Structurally Growing End-Markets

MAIN END-MARKETS AND RELATED KEY POINTS

1 MEDICAL DIVISION

Acute & Apheresis: new, high-margin products development (plasmafilters, VitaSmart, AcuSmart, AferSmart) completed in 2021; focus moves to clinical and marketing activity, targeting direct control on distributors in key geographies. Medica USA and Medica Gmbh contribution from April 2023

Chronic (Dialysis): DiaSmart dialysis machine (launch 2024) to provide Medica dealers with a complete product portfolio and replicate razor-blade business model. Spindial contribution from 31 July 2022

OEM: even if a reduction incidence over time of OEM business is expected, **several deals are currently under discussion** to be normally up to 10 €M. Strategy though is *branded*

WATER DIVISION

- In the past basically mono-client, mono-geography and mono-segment.
 Medica USA contribution from April 2023
- Future focus on pushing sales in EU and Asian markets
- It will be integrated with new product line based on breakthrough graphene technology (investments ongoing)

ASSEMBLY TECHNOLOGY

- Direct commercial presence in Europe, North America (since 2017) and China (since 2020) to boost custom automation contracts >1 €M
- Standard product line renovation in 2021-2022

Source: Management accounts

HY2023A HY2022A <u>8%</u> 1,9

Gross Margin Profile

Historical Sales (€M)

CONTINOUS EXPANSION IN MULTIPLE END-MARKETS LEVERAGING ON THE SAME, REPLICABLE KNOW-HOW AND TECHNOLOGIES

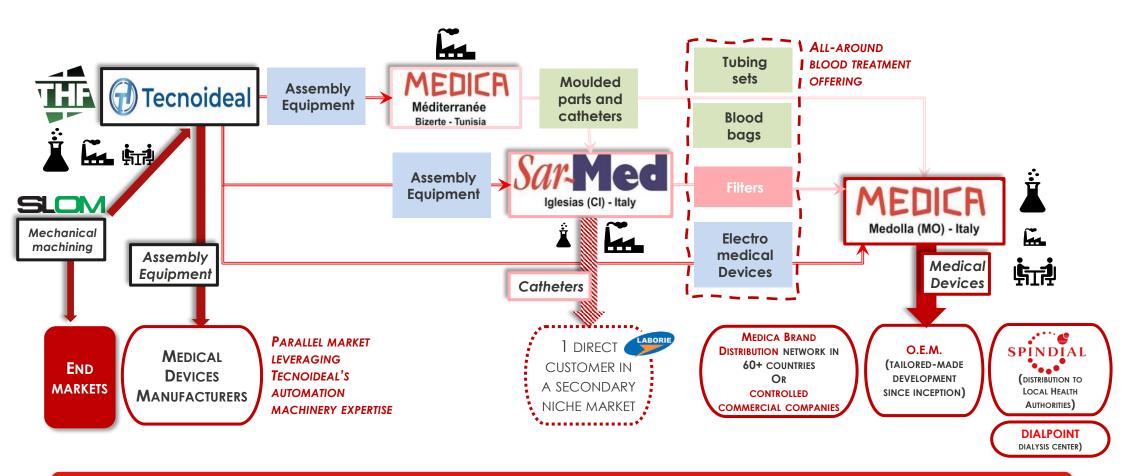
Inter-Group Model







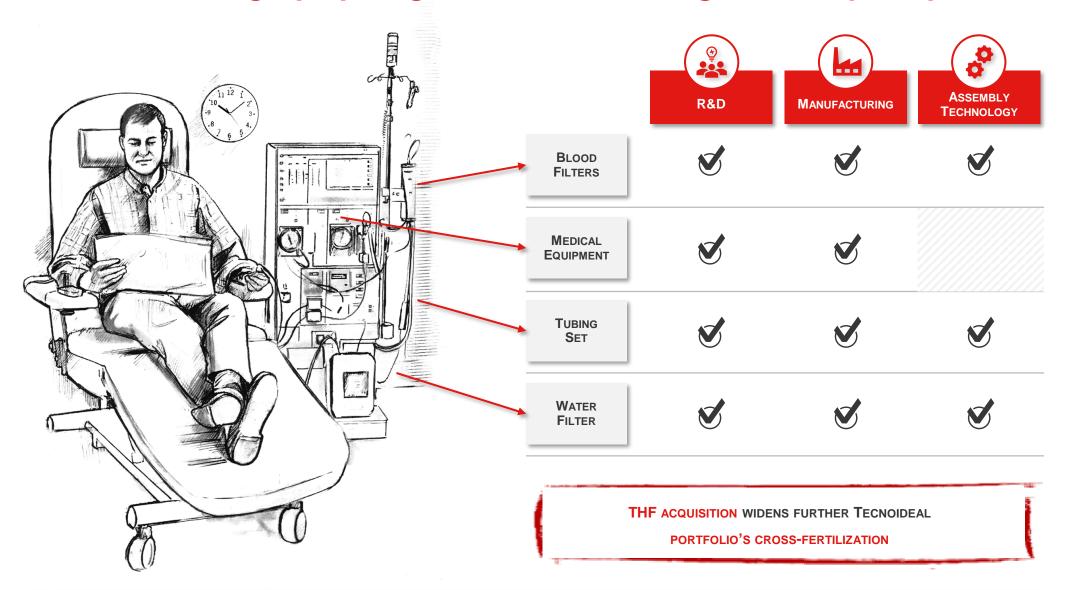
Production Sales & Marketing



TECNOIDEAL PRODUCTS EXPRESS A DEEP UNDERSTANDING OF THE PROCESSES OF PRODUCTION OF DISPOSABLE MEDICAL DEVICES; MACHINERY EXECUTES ALL MAJOR STEPS REQUIRED BY THE ASSEMBLY AND CONTROL OF DISPOSABLES



All-Around, Highly Synergic Product Offering w/ Multiple Upsides



SUCCESSFUL PRODUCT EXTENSION TRACK-RECORD IN DIFFERENT NICHES, THANKS TO BOTH HARDWARE AND SOFTWARE TECHNOLOGY PLATFORMS

Fully Integrated Business Model, Unique in the MedTech Space

MEDICA

FIBER EXTRUSION

On site

MEMBRANES PRODUCTION

On site

FILTERS ASSEMBLY

On site

ELECTROMED. **EQUIPMENT** On site

- SECRET PRODUCTION KNOW-HOW OF FIBER EXTRUSION, WASH AND DRY UNTIL FILTER MEMBRANES **ASSEMBLY**
- FEW LARGE GLOBAL PLAYERS ABLE TO EXTRUDE MEMBRANE HOLLOW FIBERS (MAINLY FOR CHRONIC)
- ABILITY TO PRODUCE HIGHLY TAILORED MEMBRANES DESIGNED TO FILTER DIFFERENT SELECTED COMPONENTS KEEPS WINNING MEDICA RECOGNITION IN SEVERAL NICHE MARKETS
- A DIALYSIS FILTER OF A 2SQM AREA HAS 13-14 THOUSAND FIBERS IN PARALLEL
- ABILITY TO ASSEMBLE FILTERS OF ANY SIZE, FROM SMALL NEONATAL USE, TO LARGE INDUSTRIAL FILTERS
- CONTINUOUS FEATURES INNOVATION THANKS TO SENSORS AND SOFTWARE INTERNAL EXPERTISE
- "RAZORS" ALLOWING TO CONTINUOUSLY SELL DISPOSABLE "BLADES", DISSEMINATING STANDARD









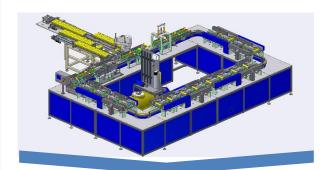


"We assumed the risk of developing unexplored technologies"

- Andrea Bocchi, co-founder and shareholder of Medica



■ CUSTOM AND STANDARD EQUIPMENT, TO **AUTOMATE AND MAKE RELIABLE** A GIVEN PRODUCTIVE PROCESS, MINIMIZING THE **OPERATOR'S INTERVENTION**



ENTIRE FULLY AUTOMATED ASSEMBLY LINES. ENSURING HIGH PRODUCTIVITY AND OPTIMAL **CONTROL** OF PROCESS AND **QUALITY**

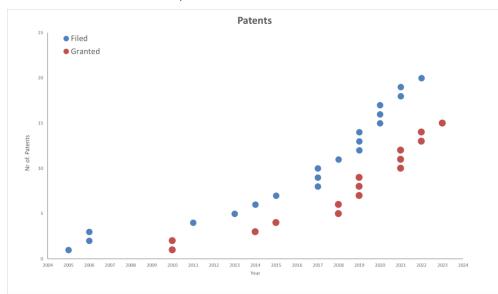
100% INTERNALIZED AND FLEXIBILE VALUE-CHAIN IS A STRONG COMPETITIVE ADVANTAGE TO WIN CUSTOMERS ACROSS MULTIPLE APPLICATIONS



Unparalleled R&D Capabilities Fueling a Rich Product Pipeline

PATENTING ACTIVITIES IN THE LAST 15 YEARS (# PATENTS)

ROBUST R&D EFFORT, ACCELERATING IP FILING IN THE LAST YEARS

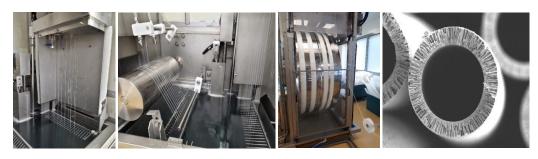


- CURRENTLY 19 FAMILY OF INVENTIONS PROTECTED BY IP (O/W 5 IN CO-OWNERSHIP), 12 OF WHICH ALREADY GRANTED AND DECLINED IN 45 PATENTS GLOBALLY.
- PROTECTION AREAS ARE (I) ACTIVE MEDICAL DEVICES (II) MATERIALS
- MOST CRITICAL IP IS RELATED TO MATERIALS COVERING A MEMBRANE OR A
 PRODUCT WITH SPECIAL TREATMENTS FROM WHICH NUMEROUS DEVICES WITH
 MANY DIFFERENT APPLICATIONS CAN BE DERIVED

AVAILABILITY OF:

- HOLLOW FIBRE PILOT SPINNING LINES.
- ASSEMBLY EQUIPMENT with high degree of versatility
- MEDICA LABORATORY, fundamental asset allowing internal testing
 of disposables, counting avant-garde equipment, highly skilled
 personnel and necessary authorizations to manage biological
 matrices (e.g. blood)
- RELATIONSHIP AND PROXIMITY WITH TECNOIDEAL allowing to quickly test both disposables production and compatibility with electromedical devices
- CLEAN ROOM
- HIGHLY SKILLED PERSONNEL
- ENTIRE PROCESS KNOW-HOW

ARE KEY ELEMENTS FACILITATING R&D ACROSS MEDICA GROUP FACILITIES



RESEARCH & DEVELOPMENT PAVING THE WAY FOR POTENTIAL BLOCKBUSTER PRODUCT RELEASES IN THE MEDIUM TERM



Unparalleled R&D Capabilities Fueling a Rich Product Pipeline

NEW MATERIALS, MEMBRANES, DISPOSABLES

HEMOCONCENTRATION FILTERS



PLASMA FILTERS



PLASMA FRACTIONATORS



- Membranes' know-how leads to countless applications across SEVERAL MARKETS
- Medica developed 9 DIFFERENT TYPES OF MEMBRANES:
 - ULTRAFILTRATION (1995)
 MICROFILTRATION (2017)
 - HEMOFILTRATION (1995)
 PLASMAPHERESIS (2017)
 - DIALYSIS (2018) PLASMA FRACTIONATION LARGE, MEDIUM, SMALL
 - (2019)
 - Oxygen Humidification (2008)

- LARGE-SIZE SPECIAL MEMBRANES FOR ENCAPSULATED CELLULAR THERAPY & AIR FILTRATION (2020)
- GRAPHENE ENRICHED ULTRAFILTRATION AND MICROFILTRATION (IN PROCESS)
- **EXTREMELY COMPLEX** R&D process in terms of:
 - **DIMENSION** hollow fiber dimension of ca. **200-300** microns, it is critical to keep it intact during the extrusion process
 - PERFORMANCE maniacal calibration of fiber porosity to have a perfect components' separation

ACTIVE (ELECTRO) MEDICAL DEVICES - SENSORS

AFERSMART



DIASMART



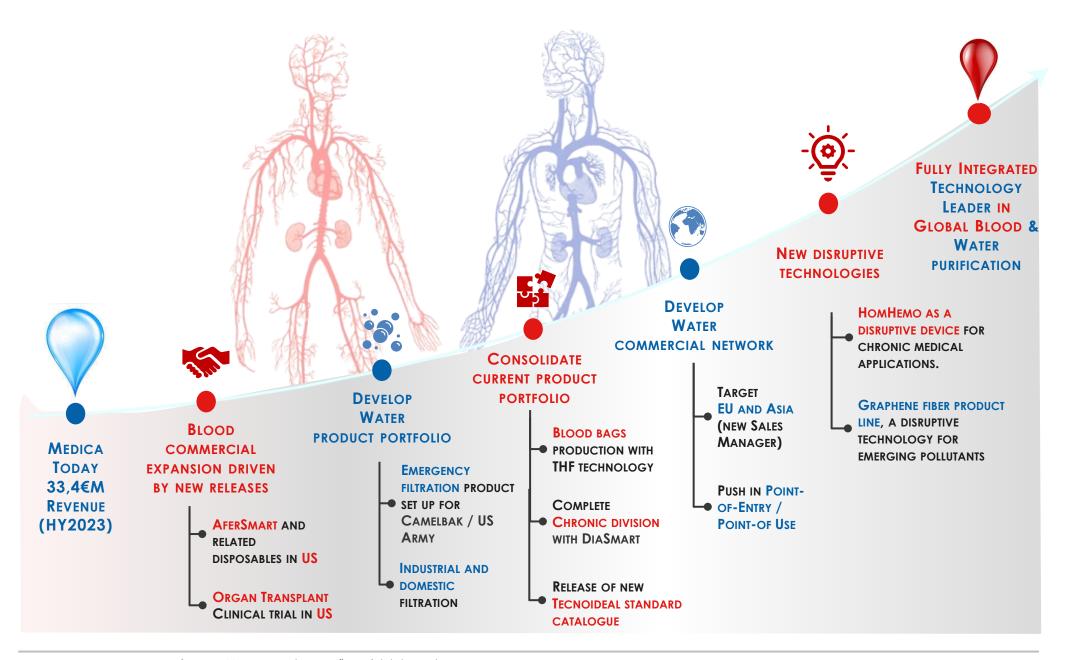




- Application areas: (i) boards design (ii) programming and DESIGN OF SOFTWARE AND FIRMWARE, (III) TESTING AND VALIDATION, (IV MECHANICS DESIGN OF INDUSTRIAL SYSTEMS & MACHINES
- Consolidated partnership with Mister Smart Innovation and CNR (ITALY'S NATIONAL RESEARCH COUNCIL) ALLOWING TECH-TRANSFER AND ACCESS TO HIGHLY SOPHISTICATED LAB INSTRUMENTS
- FLAGSHIP PROJECTS ARE RELATED TO THE DEVELOPMENT OF SENSORS:
 - FLOWMETERS AND CONDUCTIVITY METERS
 - Neural Network spectrometers based on machine **LEARNING**

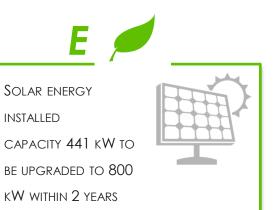
MEDICA BOASTS A FULL IN-HOUSE R&D PROCESS, SYNERGIC BETWEEN MEMBRANES / FILTERS AND ELECTROMEDICAL HARDWARE / SOFTWARE, WITH INTERNAL LABORATORY AND CLEAN ROOM ISO8 FOR PROTOTYPING AND TESTING

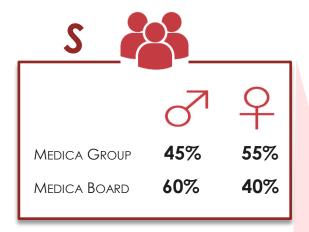
Medica Medium Term Organic Growth Strategy





Well and Responsibly Managed – A Strong ESG Profile







Borsa Italiana





ADOPTION OF THE ORGANIZATION AND MANAGEMENT CONTROL MODELS PURSUANT TO LEG. DECREE 231/01 AND ESTABLISHMENT OF THE SUPERVISORY BODY, AS WELL AS ETHICAL CODE



PIONEER INTRODUCTION IN 2020 OF MEAL VOUCHERS FOR TUNISIA PLANT WORKERS, IN ORDER TO SUSTAIN FAMILY'S ECONOMY DUE TO FOOD COMMODITIES PRICE INCREASE AND DEVALUING CURRENCY; FREE BUS SERVICE FOR NIGHT SHIFTS



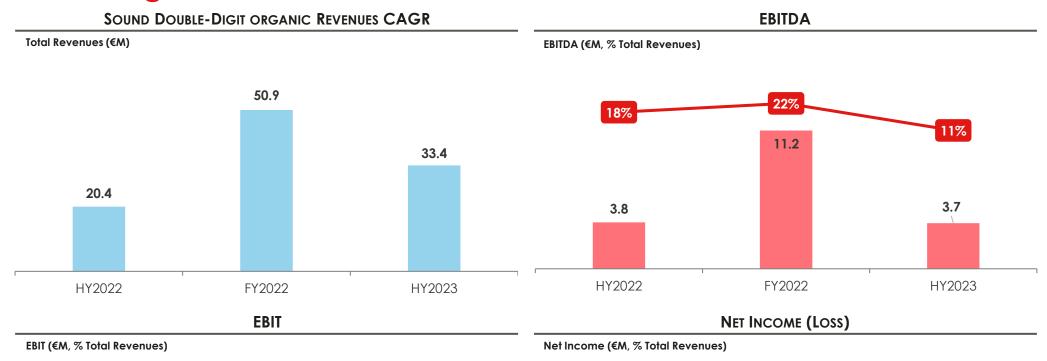


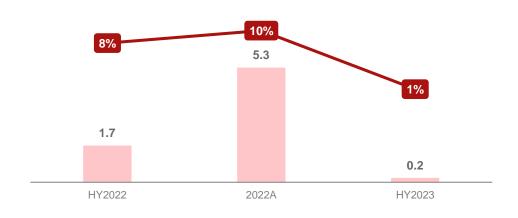


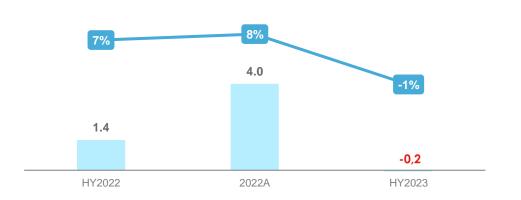
FINANCIAL OVERVIEW



Steep Revenues Growth with Profitability impacted from non-recurring events

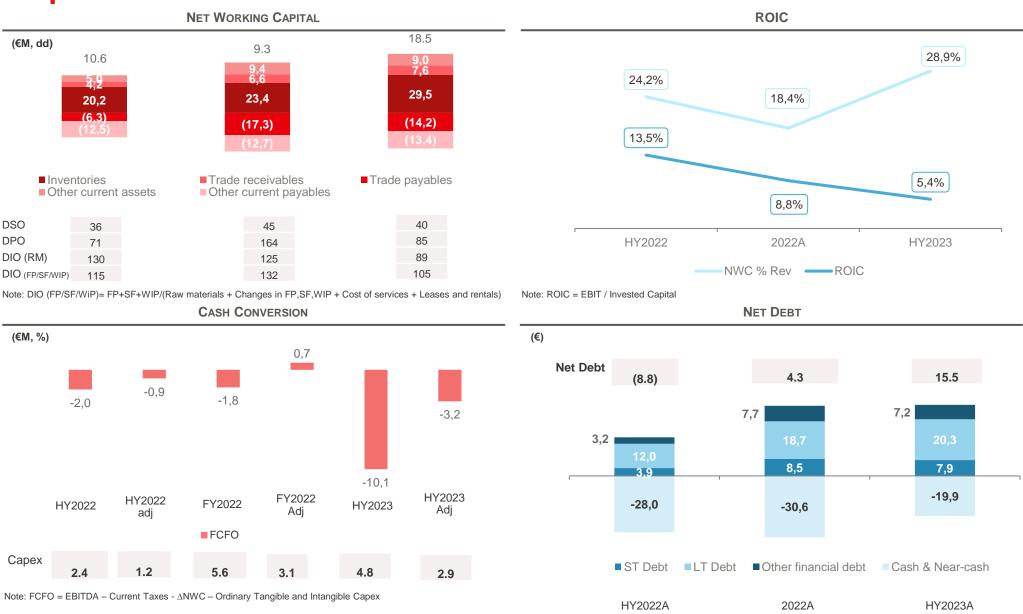








Efficient Business Model - Cash impacted from non-recurrent impacts

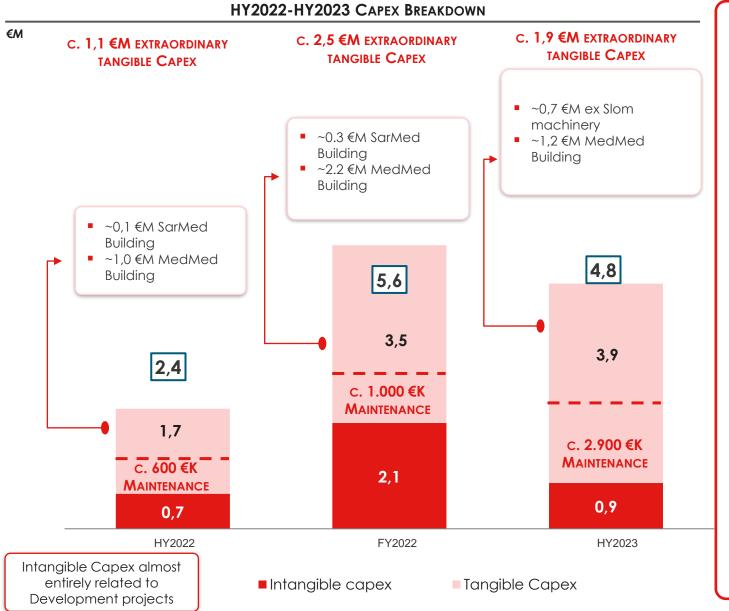




^{1.} Trade receivables are represented net of allowances

^{2.} They do not include Trade payables beyond 12m as not associated to current operations and 1,8m advance for a capitalized R&D project Source: Management elaboration on consolidated financial statements

Efficient Business Model: Constant CapEx Sufficient for Growth



- Medica's CapEx are mainly expansionary to support growth, and in any case well funded by cash flow from operations
- Capitalized share of R&D refers to Development projects only, and only for clearly related live expenses (e.g. Dossier Development, prototyping, fullydedicated personnel etc.)
 - Basic Research and Early Development costs are expensed in the Income Statement (0,7 €M in HY2023, vs 0,5 €M capitalized)
 - SarMed and Medica Mediterranée fast volumes increase requires investments in new production lines (e.g. fiber spinning, dialyzers...) to support growth, yet the repayment period for the investment is totally acceptable within a couple of years

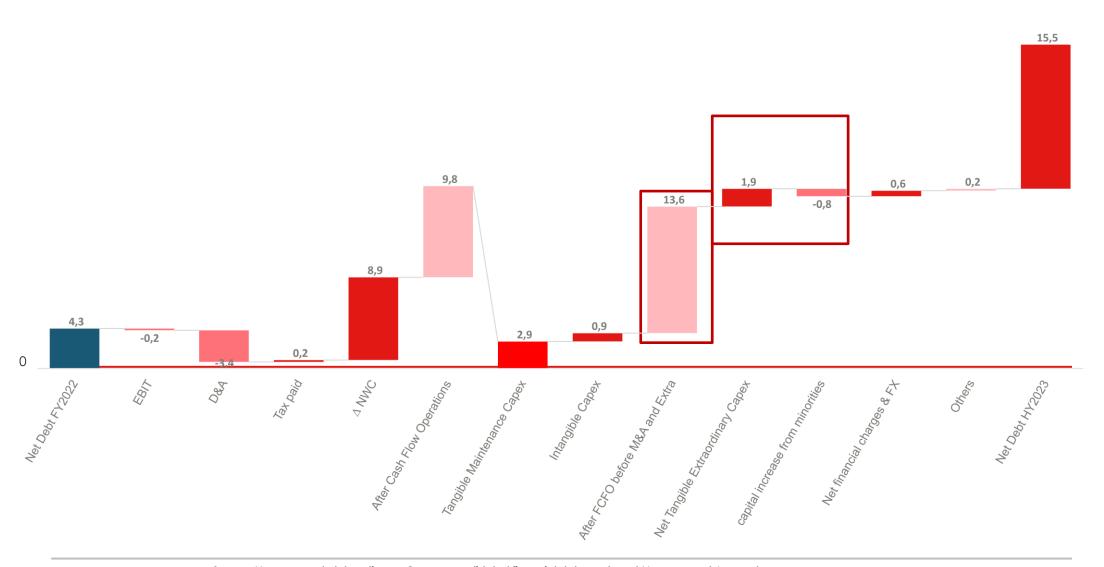
Source: Management elaboration on Group consolidated financial statements



FY 2022 – HY2023 Net Financial Position Bridge

NET DEBT HY 2023 HAS A TEMPORARY NATURE, AS NWC IS MOSTLY EXTRAORDINARY

(€M)







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