



MACOVA 2020

Multidisciplinary Advanced Course
on Vascular Access



Housekeeping

- Please download the app.
- Wear your badge at all times, including both event dinners.
- Fire exits are marked, please follow the venue team in an evacuation.
- Headset channels:
 1. English.
 2. French.
 3. German.
 4. Italian.
 5. Spanish



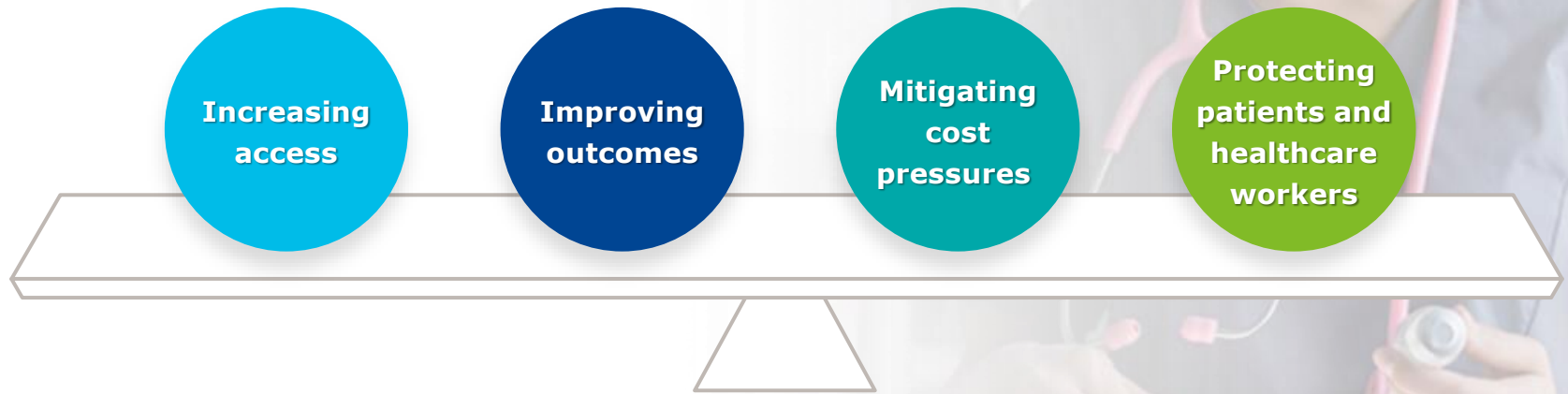
WELCOME

Stephen Church
Clinical Director
BD Medication Delivery Solutions



Our strategic vision

BD is focused on accelerating our transformation into a provider of world-class, quality, innovative healthcare products and value-added offers and solutions that will help healthcare systems balance four key priorities.



Our strategy enables us to have a significant impact on patients care

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Sepsis

Kills **more than 650K people** in the Europe. each year



422 Million

Patients with **diabetes** globally

1.5 Million

Patients harmed by medication errors **each year**

Medical Errors

Third leading cause of **death**

1 in 25

Number of patients who acquire at least one **infection** during care

58%

Percent of in-hospital adverse events are associated with **surgical care**

every 12 minutes

Someone in Europe is diagnosed with a **blood cancer**

BD Global Health: Doing Well by Doing Good

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Accelerate access to quality healthcare in resource-limited settings by advancing the use of appropriate technologies through partnerships and collaboration



BD & Social Responsibility

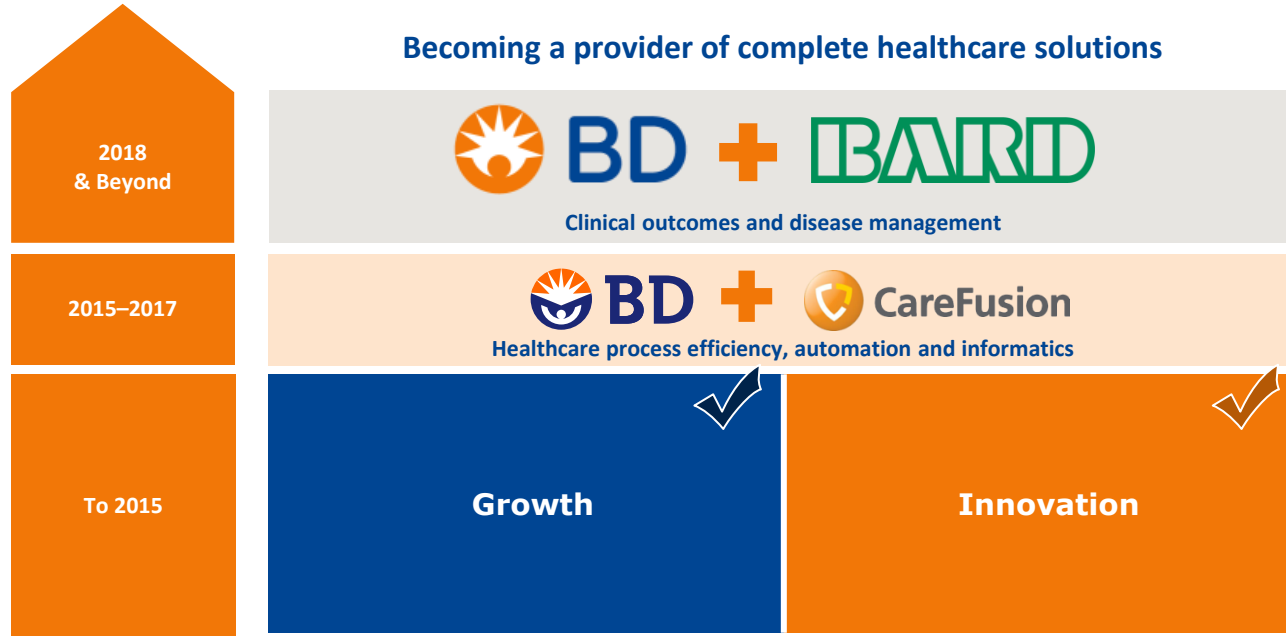
- Partnering with the world's leading NGOs to:
 - Alleviate suffering from disasters and epidemics
 - Strengthen health systems
 - Foster innovations in healthcare
 - Train healthcare workers
 - Distribute BD product donations to those in need
- \$16M in cash and product donations
- 14 years of volunteer service trips

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BD Built on an already strong foundation

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Innovative solutions help address some of healthcare's most pressing challenges

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Life Sciences

Discovery

Diagnostics

Medical

Medication Management

Interventional

Therapy management

Informatics: integrated workflow management and data analytics

Enabling research inside and outside the cell



Improving diagnostic accuracy and efficiency



Integrating medication management across the care continuum



Optimizing medication delivery



Integrating diabetes management



Maximizing outcomes for surgical processes



Advancing urology and critical care



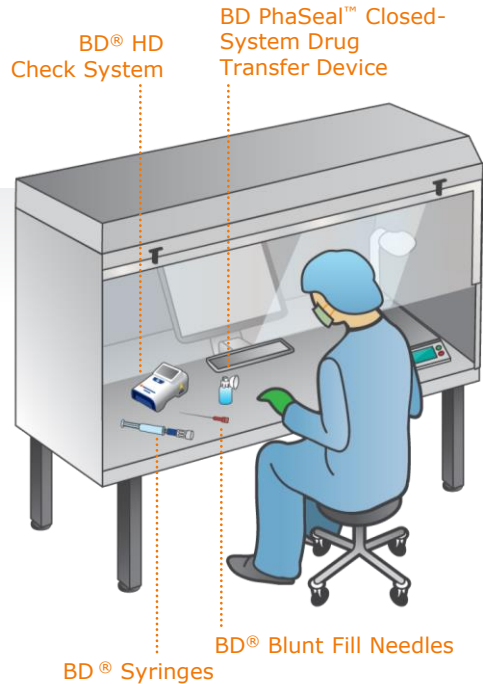
Enhancing outcomes for peripheral intervention



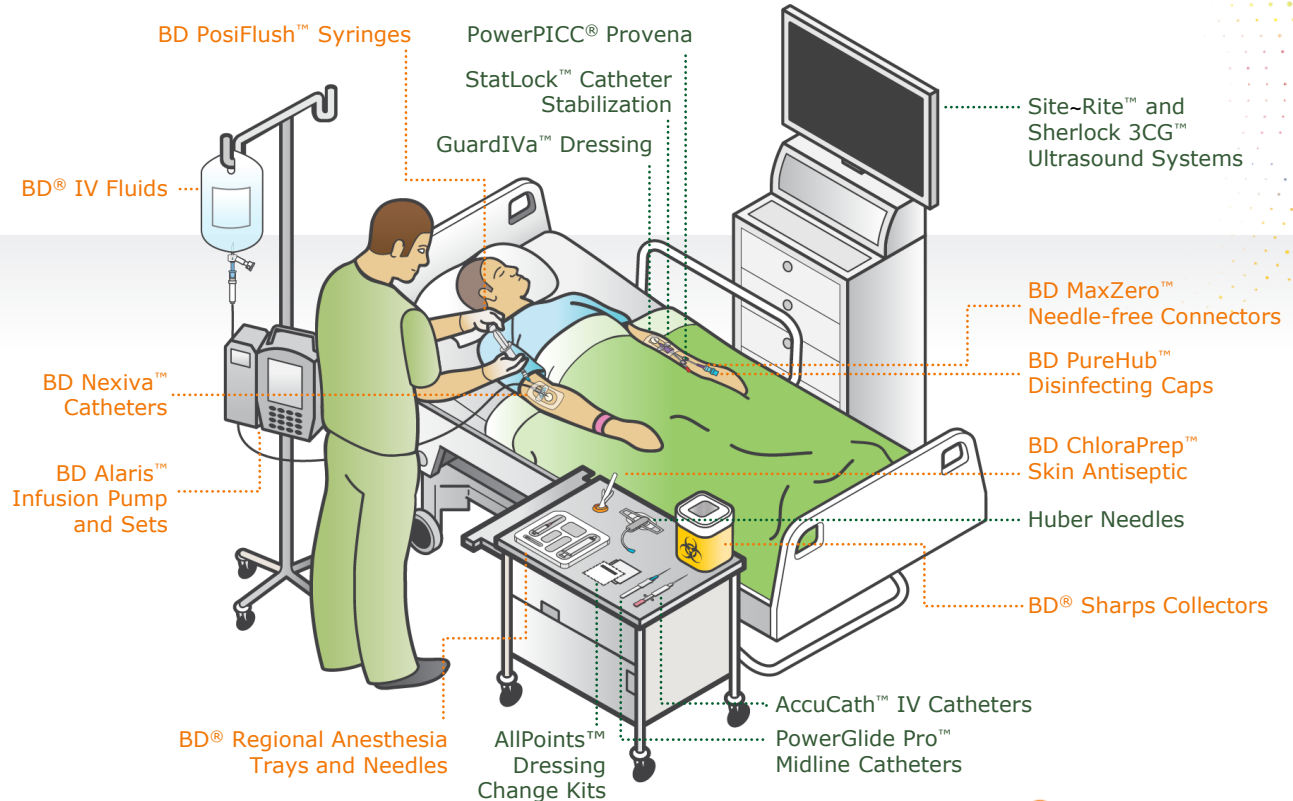
BD Medication Delivery Solutions:



Pharmacy preparation



Patient preparation, administration and care



BD MDS: Addressing a multitude of challenges caused by variations in practice

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Vascular access

35–50% of peripheral IVs fail, largely due to unnecessary complications.¹



Dislodgement



Infection



Phlebitis



Occlusion



Infiltration/
Extravasation

71.7% of CLABSI occur after 5 days of insertion.²



Infection

CVAD occlusions occur in up to

36% of central venous catheters in the U.S.³



Occlusion

Medication preparation and delivery



Approximately **1,000,000** sharps injuries have occurred in Europe.⁴



Millions healthcare workers are potentially exposed to hazardous drugs.⁵



An estimated **5.6M** healthcare workers risk exposure to bloodborne pathogens via needlesticks and other sharps-related injuries.⁶



Needlesticks and sharps injuries can transmit **infectious diseases**, especially blood-borne viruses.⁷



More than 33% of all preventable medication errors are caused by dosing errors.⁸

Together we can partner to advance patient care

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Clinical assessments



Broad product portfolio

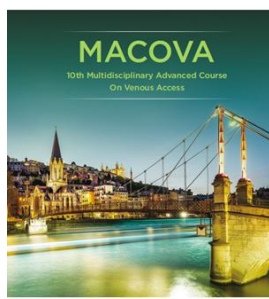
MACOVA

Clinical Education



Risk prevention

MACOVA Timeline



A European Master-class on insertion and maintenance of vascular access devices for physicians and nurses. Short term and long term central venous access.

09-11 March 2016 Lyon, France

PROGRAMME

MACOVA 2020



MACOVA
MULTIDISCIPLINARY ADVANCED
COURSE ON VENOUS ACCESS

10-12 May 2017 Barcelona, Spain

PROGRAMME



4 Continents

25 Countries

360 Attendees

28 Speakers

2 Chairs

Multidisciplinary Advanced Course on Vascular Access

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Our Chairs for MACOVA 2020



Dr Tim Jackson

- Dr Jackson is a consultant in anaesthesia & intensive care medicine at Calderdale & Huddersfield NHS Foundation trust, UK.
- Special interest in anaesthesia for vascular surgery and vascular access.
- Tim has developed pathways which have standardized the management of central venous access devices.
- Tim is Vice Chair of the National Infusion and Vascular Access Society (NIVAS).



Helen Harker

- Helen Harker is Senior Nurse Intravenous Access at the Royal Liverpool and Broadgreen University Hospitals NHS Trust, UK.
- In 2001, Helen joined one of the 1st UK nurse-led procedure teams.
- While in 2007, she established and now co-ordinates a nurse led IV Access Service.
- Helen has delivered lectures and webinars across Europe and South America and has assisted international centres to implement an IV Access Service.