

Clinical and Laboratory Practices Workshops

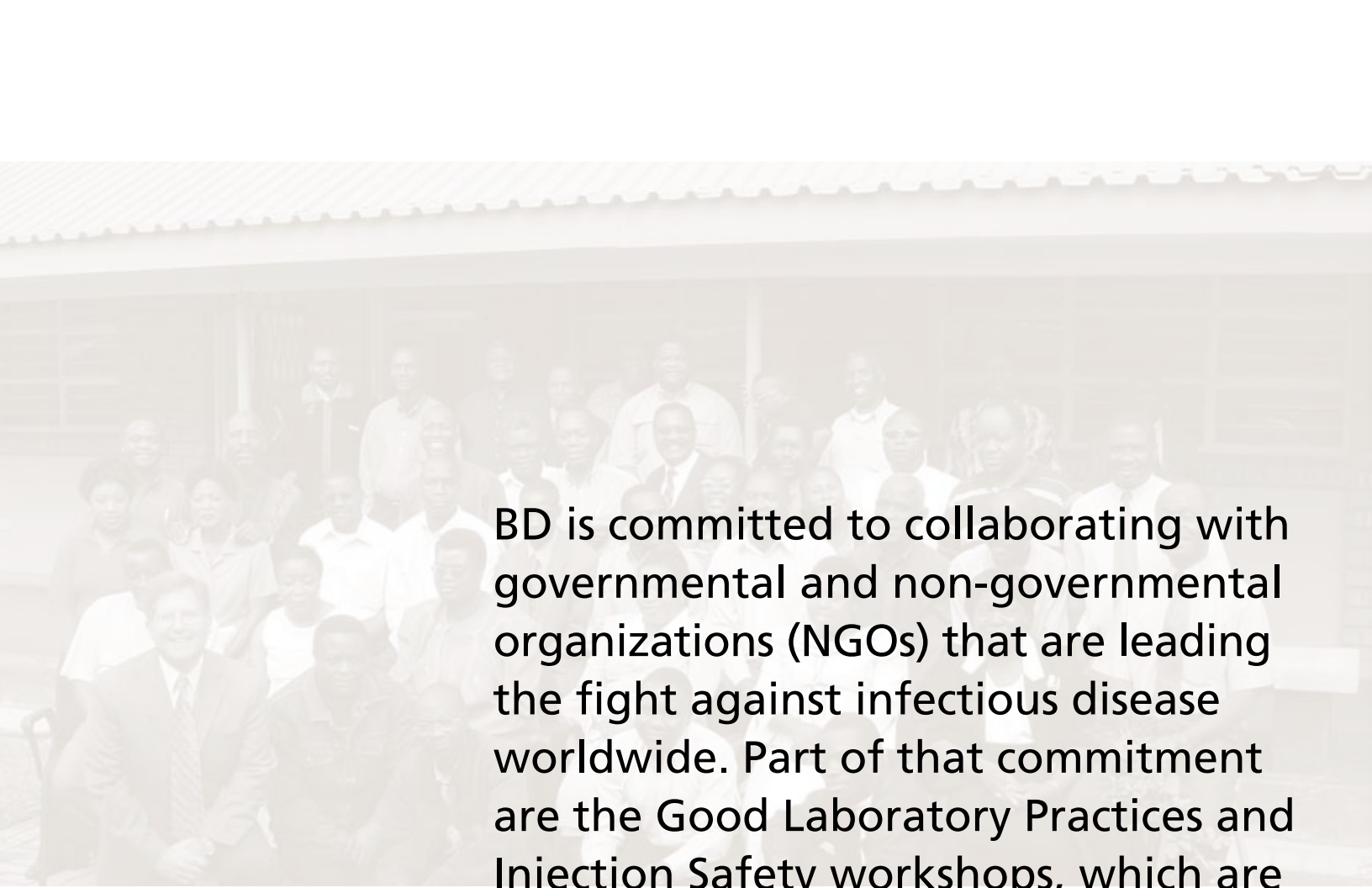
Helping to improve laboratory skills
and the quality of care
in resource-limited settings




Helping all people
live healthy lives







BD is committed to collaborating with governmental and non-governmental organizations (NGOs) that are leading the fight against infectious disease worldwide. Part of that commitment are the Good Laboratory Practices and Injection Safety workshops, which are designed to help improve laboratory skills and the quality of patient care in resource-limited settings.



The Good Laboratory Practices (GLP) workshops train laboratory personnel to use standard operating procedures as well as diagnostic and monitoring tools. Workshops aim to improve healthcare capacity and laboratory procedures in the countries they serve. To maximize training benefits, workshops are conducted in conjunction with BD's local field service and support staff. Assessments for instruction quality and participant readiness are given at the end of the workshop. Training Certificates are available upon request.

To date, both the CD4 Testing/Blood Collection and Injection Safety workshops have been delivered to several thousand participants in over 56 countries.

CD4 Testing/ Blood Collection Workshop

The goal of this workshop is to teach good clinical laboratory practices using fundamental principles and hands-on training for novice or experienced BD FACSCount™ or BD FACSCalibur™ flow cytometer operators.

Emphasis is placed on practical hands-on use of instruments, reagents, phlebotomy equipment, and quality control practices. Students prepare samples, generate flow cytometric data, and perform quality control, troubleshooting, and maintenance activities. Students are taught by qualified regional BD CD4 instructors.

Audience

Clinical laboratory technicians, laboratory managers, and national AIDS Control Program Managers.

Topics

- Laboratory safety
- Phlebotomy techniques and precautions
- Specimen processing and handling
- Immunophenotyping
- Flow cytometry
- Quality control and quality assurance
- Use of standard operating procedures (SOPs)
- Instrument maintenance and troubleshooting

TB Culture Workshop

This workshop provides continuing education on mycobacteriology and teaches good clinical laboratory practices relevant to mycobacteriology cultures and drug susceptibility testing. Emphasis is placed on liquid culture media used with the BD MGIT™ system.

This workshop features instructor-led presentations and is a follow-up to initial product training.

Audience

Laboratory technicians, laboratory managers, and experienced mycobacteriology technicians who are currently performing TB cultures. National TB Control Program Managers should also attend.

Topics

- Specimen processing and handling
- Mycobacteriology culture methods
- Contamination control
- Quality control and quality assurance
- Reporting results
- Antibiotic susceptibility testing



Injection Safety workshops teach healthcare workers fundamental principles for immunization and curative injections. These training programs aim to improve healthcare capacity and safety for healthcare workers, patients, and the community. To reinforce learning, practical hands-on training is emphasized in these instructor-led sessions. Training certificates are available upon request.

Curative Injection Safety Workshop

The goal of this workshop is to provide instruction on the fundamental principles of safe injection techniques for healthcare workers. An understanding of the consequences of needle and syringe reuse is emphasized.

It combines instructor-led presentations with practical hands-on training. The workshop is also available as a self-paced, computer-based training program. Each section of the computer-based training includes interactive images, illustrations, 3D animations, videos, and self-guided exercises. This program is available in various languages and formats to accommodate local needs.

Audience

Healthcare decision makers, physicians, nurses, and healthcare workers treating patients.

Topics

- Safe injection techniques
- Selection: Needle and syringe components and guidelines for selection
- Preparation: Gathering the right equipment and preparing the medication for administration
- Administration: Injection routes and procedures (intramuscular, subcutaneous, and intradermal)
- Safe use and disposal of sharp equipment
- Public policy considerations

Immunization Injection Safety Workshop

The goal of this workshop is to provide instruction on the impact of unsafe injections and the fundamental principles of giving safe injections in the immunization setting. The material was developed by immunization experts in cooperation with Program for Appropriate Technologies in Health (PATH) to specifically address immunization practices in resource-limited settings. This workshop combines instructor-led presentations with hands-on training. Practical exercises and case studies, based on realities in resource-limited settings, are used to reinforce the learning.

Audience

Healthcare decision makers and healthcare workers who inject vaccines.

Topics

- Health impact of unsafe injections
- Selecting safe and effective vaccines
- Reconstituting vaccines safely
- Safe handling and disposal of sharps
- Using auto-disable syringes



Regional Offices

bdbiosciences.com/offices

Asia Pacific
BD Singapore
Tel 65.6861.0633
Fax 65.6860.1593

New Zealand
Toll Free: 0800 572.468
Tel 64.9.574.2468
Fax 64.9.574.2469
bd_anz@bd.com

Canada
BD Biosciences
Toll Free 888.259.0187
Tel 905.542.8028
Fax 888.229.9918
canada@bd.com

United States
BD Biosciences
Customer/Technical Service
Toll Free 877.232.8995
Bioimaging Systems
Fax 301.340.9775
Discovery Labware
Fax 978.901.7490
Immunocytometry Systems
Fax 800.325.9637
Pharmingen
Fax 800.325.9637
bdbiosciences.com

BD Medical
Tel 201.847.6800
Fax 201.847.4845
immunization@bd.com

Australia/New Zealand
Australia
Toll Free: 1800 656 100
Tel 61.2.8875.7000
Fax 61.2.8875.7200
bd_anz@bd.com

Europe
BD Biosciences
Tel 32.2.400.98.95
Fax 32.2.401.70.94
help.biosciences@europe.bd.com

Japan
Nippon Becton Dickinson
Toll Free 0120.8555.90
Tel 81.24.593.5405
Fax 81.24.593.5761

Local Offices and Distributors

Argentina/Paraguay/Uruguay
Toll Free: 0800.444.5523
Tel 54.11.4551.7100
Fax 54.11.4551.7400
crc_argentina@bd.com

Denmark
Tel 45.43.43.45.66
Fax 45.43.43.41.66
bdbnordic@europe.bd.com

Hungary
Tel 36.1.345.7090
Fax 36.1.345.7093
bdb.ema@europe.bd.com

North Africa
Tel 33.4.76.68.35.03
Fax 33.4.76.68.35.44
bdbiosciences_maghreb@europe.bd.com

Sweden
Tel 46.8.775.51.10
Fax 46.8.775.51.11
bdbnordic@europe.bd.com

Austria
Tel 43.1.706.36.60.20
Fax 43.1.706.36.60.11
customerservice.bdb.at@europe.bd.com

East Africa
Tel 254.20.2738339 / 40
Fax 254.20.2738342
bd@africaonline.co.ke

India
Tel 91.124.238.3566
Fax 91.124.238.3224

Norway
Tel 47.73.59.12.00
Fax 47.73.59.12.01
norge@europe.bd.com

Switzerland
Tel 41.61.485.22.22
Fax 41.61.485.22.00
customerservice.bdb.ch@europe.bd.com

Belgium
Tel 32.53.720.550
Fax 32.53.720.549
customer_service_bdbelgium@europe.bd.com

Eastern Europe
Tel 49.6221.305.161
Fax 49.6221.305.418
bdb.ema@europe.bd.com

Indonesia
Tel 62.21.577.1920
Fax 62.21.577.1925

Pakistan
Tel 92.42.5718051
Fax 92.42.5718056
bdb_pak@bd.com

Taiwan
Tel 8862.2722.5660
Fax 8862.2725.1768

Brazil
Toll Free: 0800.771.7157
Tel 55.11.5185.9995
Fax 55.11.5185.9895
biosciences@bd.com.br

Egypt
Tel 202.226.80181
202.226.89380
Fax 202.226.67562

Italy
Tel 39.02.48.240.1
Fax 39.02.48.20.33.36
ordini_diagnostico@europe.bd.com

Peru/Bolivia/Ecuador
Tel 51.1.712.0160
Fax 51.1.712.0165

Thailand
Tel 662.646.1800
Fax 662.646.1801

BD Medical
Tel 55.11.5185.9833
Fax 55.11.5185.8644

Finland
Tel 358.9.88.70.7832
Fax 358.9.88.70.7817
bdbnordic@europe.bd.com

Korea
Tel 822.3404.3700
Fax 822.557.4048

Philippines
Tel 632.815.8981
Fax 632.815.6644

Turkey
Tel 90.212.328.2720
Fax 90.212.328.2730
bdb.ema@europe.bd.com

CCA (Caribbean/Central America)
Tel 52.55.5999.8318
Fax 52.55.5999.8396
caribbean_customers@bd.com
centralamerica_customers@bd.com

France
Tel 33.4.76.68.37.32
Fax 33.4.76.68.35.06
customerservice.bdb.france@europe.bd.com

Malaysia
Tel 603.7725.5517
Fax 603.7725.4990

Poland
Tel 48.22.651.75.88
Fax 48.22.651.75.89
bdb.ema@europe.bd.com

United Kingdom & Ireland
Tel 44.1865.78.16.66
Fax 44.1865.78.16.27
BDUK_CustomerService@europe.bd.com

Chile
Tel 56.2 482.7800 x16
Fax 56.2 482.7802

Germany
Tel 49.6221.305.551
Fax 49.6221.303.609
customerservice.bdb.de@europe.bd.com

Mexico
Toll Free: 01.800.236.2543
Tel 52.55.5999.8296
Fax 52.55.5999.8288
bioscienciasmexico@bd.com

Portugal
Enzifarma
Tel 351.21.421.93.30
Fax 351.21.421.93.39
enzifarma@enzifarma.pt

Venezuela
Tel 58.212.241.3412 x248
Fax 58.212.241.7389

China
Tel 8610.5813.9000,
021.3210.4610
Fax 8610.5813.9193,
021.5292.5191

Greece
Tel 30.210.940.7741
Fax 30.210.940.7740

Middle East
Tel 971.4.337.95.25
Fax 971.4.337.95.51
bdb.ema@europe.bd.com

South Africa
Tel 27.11.603.2620
Fax 27.11.804.0544 / 46
bdb.ema@europe.bd.com

West Africa
Sobidis
Tel 33.4.76.68.94.43
Fax 33.4.76.68.55.96
bdbiosciences_france@europe.bd.com

Colombia
Tel 57.1.572.4060 x244 / 258
Fax 57.1.572.3650 / 4250

Hong Kong
Tel 852.2575.8668
Fax 852.2803.5320

The Netherlands
Tel 31.20.582.94.20
Fax 31.20.582.94.21
customer_service_bd holland@europe.bd.com

Spain
Tel 34.902.27.17.27
Fax 34.91.848.81.04
servicio_de_clientes@europe.bd.com

Collaboration

In collaboration with our Trusted Partners, BD provides both the resources and programs to help enhance the health of those in need. The following organizations represent just some of our training partners. For more information, please contact your local BD representative.



The presented photos are from CD4 GLP Workshops conducted worldwide by BD.

