

SUNWAY
MEDICAL CENTRE

Sunway City

**Medical Training Solutions
(MTS)**

9TH NOVEMBER 2022

LABORATORY

INTRODUCTION

Medical Training Solutions (MTS)

Lab Training and Competency Assessment

- ✓ equips labs with a comprehensive online resource for training staff and building competency.
- ✓ Users and Administrators have unlimited access 24/7 from home, work, or school to:
 - A. Training Courses with engaging video and animation worth over 50 hours of continuing education credit. Specimen images make an ideal reference tool.
 - B. Competency Assessment tests for meeting regulatory requirements. Test questions change twice annually.

Online Training and Competency Assessment for the Clinical Lab and Point of Care



Clinical Laboratory

Track training and competency of staff involved in all phases of laboratory testing: specimen collection, transport, processing and analysis.



Point of Care

Administer and track competency tests for staff using microscopes, waived test kits, and instruments at the point of care.



Specimen Collection

Track and document training and competency assessment for specimen collection staff.

Features/Benefits:

- Streamlined tracking and documentation
- High quality multimedia content developed with the University of Washington
- Over 50 hours of Continuing Education (CE) credit
- Create your own tests
- Upload and track your existing documents
- Used by over 1,500 laboratories

Watch the Tour 

GETTING STARTED

Log In

To access the account, Users must log in:

- 1) Open a browser of your choice and go to www.medtraining.org
- 2) Log in with your User ID and password provided by your administrator. The User ID is typically the User's full email address.
- 3) Click Sign in.


Register with a Lab Code*

Do this once only, thereafter log in using the User ID/password set up:

- 1) Open an Internet Explorer browser window and go to www.medtraining.org.
- 2) Click on Log In and then "Sign Up for a New Account"
- 3) Fill in all fields, click Submit. * This feature to be used only if your Administrator provides a Lab Code.

My Assignments

- ❖ After log in, Users see their assigned training and competency tests (below). The account has access to the Training Library and you can click on this tab to access all training courses. Click on a test title to get started. You may quit at anytime, the next time you login you will continue where you left off.

MTS 

UNIVERSITY of WASHINGTON
DEPARTMENT OF LABORATORY MEDICINE

Hello, Tyler | [My Account](#) | [Support](#) | [Logout](#)

My Assignments

Your assignments are due by: 11/24/2013

	COMPLETED	SCORE %	CE CREDITS	CE EARNED
Lab Competency Assessment				
Patient Safety			0.5	
Safety			0.5	
Lab Training Library				
Fire Safety			1.0	

Change Your Password

Users may change their own password:

- 1) After you have logged in select “My Account” in the upper right corner.
- 2) Enter new password
- 3) Click Save

EMAIL NOTIFICATION

Online Training Portal_MTS

From: <notify@medtraining.org>
Date: Tue, Aug 9, 2022, 8:20 PM
Subject: Online Training Portal_MTS
To: <pricilla.pt06@gmail.com>

Good day team,

Please login to the MTS portal and complete the assigned task by **31st December 2022**.

Upon completion of each module, please print the certificate and file it accordingly in your respective personnel folders.

Hope you enjoy the learning opportunities provided and make full use of it.

Your user access will be removed on 31st December 2022 to provide opportunities to other users.

Thanks

Best Regards,
Meera Kumar
Senior Manager,
Quality & Training

[Click here to login](#)

If the link above does not work, you may sign in with your Username and Password [here](#)

If you have any questions, contact Meera Kumar at: meerak@sunway.com.my

My Assignments

PROGRAM	DUE	COMPLETED	SCORE %	CE CREDITS	CE EARNED
Training Library					
Advanced Phlebotomy		Aug 13, 2022	100	1.0	1.00
Basic Phlebotomy		Aug 13, 2022	100	1.5	1.50
Blood Culture		Aug 13, 2022	100	1.5	1.50
Coagulation	Nov 30, 2022			2.5	
Courier Transport		Aug 13, 2022	100	1.5	1.50
Infection Control		Aug 20, 2022	100	1.0	1.00
Introduction to Transfusion Service	Nov 30, 2022			2.0	
Patient Complications		Aug 20, 2022	100	1.0	1.00
Patient Identification		Aug 20, 2022	100	1.0	1.00
Pediatric Phlebotomy		Aug 20, 2022	100	1.0	1.00
Skin Puncture		Aug 20, 2022	100	1.5	1.50
Specimen Processing		Aug 20, 2022	100	2.0	2.00
Specimen Transport		Aug 20, 2022	100	1.5	1.50
Transfusion Safety: Ordering and Administering	Nov 30, 2022			1.5	
Transfusion Safety: Specimen Collection		Aug 20, 2022	100	1.0	1.00
Transfusion Safety: Testing and Issuance	Nov 30, 2022			1.0	
Venipuncture		Aug 20, 2022	100	1.0	1.00

SAMPLE TRAINING MODULE



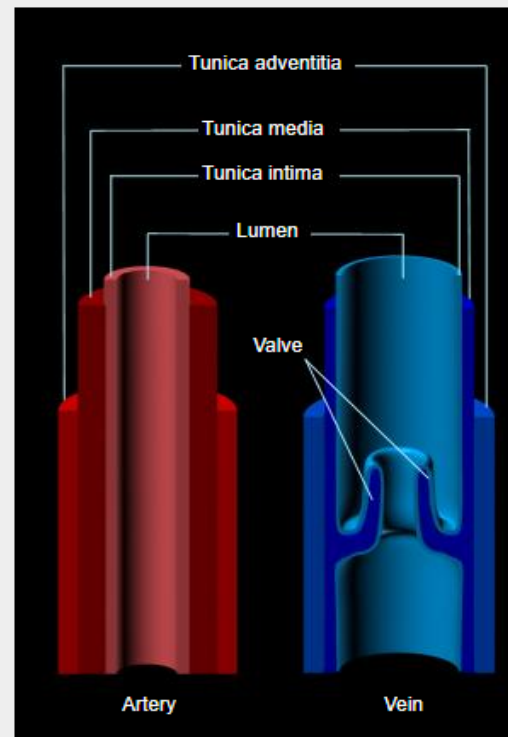
TRAINING

Basic Phlebotomy

- Introduction
- Overview
- Learning Objectives
- Anatomy
 - Cardiovascular System
 - Upper Extremities
 - ▶ Veins and Arteries
 - ▶ Vein and Artery Structure
 - Valve Function
 - Blood
- Equipment
- Venipuncture
- Procedural Complications
- Quality Assurance

Take Test

Vein and Artery Structure



Arteries and veins are composed of three layers. The thickness of the layers varies with the size and type of blood vessel.

The **tunica adventitia**, the outer layer, is made up of connective tissue and is thicker in arteries than in veins.

The **tunica media**, or middle layer, is made up of smooth muscle tissue and elastic fiber and is much thicker in arteries than in veins.

The **tunica intima**, the inner layer or lining, is made up of a single layer of endothelial cells, a basement membrane, a connective tissue layer, and an elastic internal membrane.

TEST AND HISTORY

Training Lil Training	Basic Phlebotomy	1/1/2022	12-31-2023	45	8/10/2022 6:18
Training Lil Training	Basic Phlebotomy	1/1/2022	12-31-2023	85	8/10/2022 6:22
Training Lil Training	Basic Phlebotomy	1/1/2022	12-31-2023	95	8/10/2022 6:23
Training Lil Training	Pediatric Phlebotomy	1/1/2022	12-31-2023	20	08-28-2022 06:39:22
Training Lil Training	Pediatric Phlebotomy	1/1/2022	12-31-2023	80	08-28-2022 06:41:16
Training Lil Training	Advanced Phlebotomy	1/1/2022	12-31-2023		
Training Lil Training	Advanced Phlebotomy	1/1/2022	12-31-2023		
Training Lil Training	Specimen Processing	1/1/2021	12-31-2022		
Training Lil Training	Infection Control	1/1/2022	12-31-2023		
Training Lil Training	Infection Control	1/1/2022	12-31-2023		
Training Lil Training	Skin Puncture	1/1/2021	12-31-2022		
Training Lil Training	Patient Identification	1/1/2022	12-31-2023		
Training Lil Training	Blood Culture	1/1/2021	12-31-2022	60	8/10/2022 6:54
Training Lil Training	Blood Culture	1/1/2021	12-31-2022	80	8/10/2022 10:03
Training Lil Training	Venipuncture	1/1/2022	12-31-2023	30	08-28-2022 07:15:26
Training Lil Training	Transfusion Safety: Specimen Collection	1/1/2022	12-31-2023	80	08-28-2022 07:11:08
Training Lil Training	Specimen Transport	1/1/2022	12-31-2023	30	08-28-2022 07:00:10
Training Lil Training	Courier Transport	1/1/2022	12-31-2023	50	8/10/2022 12:08
Training Lil Training	Courier Transport	1/1/2022	12-31-2023	70	8/10/2022 12:09
Training Lil Training	Courier Transport	1/1/2022	12-31-2023	90	8/10/2022 12:09
Training Lil Training	Patient Complications	1/1/2022	12-31-2023	30	08-13-2022 20:16:03
Training Lil Training	Pediatric Phlebotomy	1/1/2022	12-31-2023	50	10/7/2022 2:22

When the staff attempt the test a few times, the test history will be made available for Administrator to review

TEST AND HISTORY

Training	Peripheral blood	1/1/2021	12-31-2022	100	11/2/2022 5:37
Training	Advanced Phlebotomy	1/1/2022	12-31-2023	100	8/10/2022 5:41
Training	Basic Phlebotomy	1/1/2022	12-31-2023	100	8/10/2022 5:56
Training	Blood Culture	1/1/2021	12-31-2022	100	8/10/2022 6:17
Training	Courier Transport	1/1/2022	12-31-2023	100	8/10/2022 6:23
Training	Infection Control	1/1/2022	12-31-2023	100	8/10/2022 6:52
Training	Patient Complications	1/1/2022	12-31-2023	100	8/10/2022 7:47
Training	Patient Identification	1/1/2022	12-31-2023	100	8/10/2022 9:23
Training	Pediatric Phlebotomy	1/1/2022	12-31-2023	100	8/10/2022 9:33
Training	Skin Puncture	1/1/2021	12-31-2022	100	8/10/2022 10:25
Training	Specimen Processing	1/1/2021	12-31-2022	100	8/10/2022 10:53
Training	Specimen Transport	1/1/2022	12-31-2023	100	8/10/2022 11:39
Training	Transfusion Safety: Specimen Collection	1/1/2022	12-31-2023	100	8/10/2022 11:42
Training	Venipuncture	1/1/2022	12-31-2023	100	8/10/2022 11:51
Training	Anti-nuclear Antibody	2/2/2022	12-31-2023	100	08-13-2022 02:48:20

- Based on this record, it can be seen the particular staff completed each modules within a few minutes.
- The credit hours should be an indication on how long each module requires to be completed.
- ??? Effective learning. This record is also traceable to the Administrator.

Continuing Education P.A.C.E. Certificates

Users may print their own P.A.C.E. completion certificates:

- 1) After you have **taken a test, and scored above 80%**, click on the CE tab at the top of the page.
 - 2) You will see all courses listed for which you may **apply for CE**.
 - 3) **Click the “Apply” link** next to the course for which you wish to apply for CE. 4) Fill out application form, click Submit
 - 4) Click on the course title; a **PDF will open**.
 - 5) **Print and/or Save the certificate**.
- ✓ A minimum score of 80% is required to receive CE credit.
 - ✓ Test scores can be reset by your Administrator for you to retake.
 - ✓ Not all tests are eligible for CE credit.
 - ✓ Users must apply for credit before a certificate can be printed.



Hello, Nur Atikah Amira Binti Rani @ Sunway Medical Centre | [My Account](#) | [Support](#) | [Logout](#)

[My Assignments](#)

[Training Library](#)

[Lecture Library](#)

[My CE](#)

My Continuing Education Credits

SELECT

CE TYPE

P.A.C.E

State of Florida

	CREDIT	COURSE DATES	COMPLETED	
466-001-22 (Training)				
Basic Phlebotomy	1.5	Jan 2022 - Dec 2023	Sep 27, 2022	Apply
466-016-22 (Training)				
Advanced Phlebotomy	1.0	Jan 2022 - Dec 2023	Sep 27, 2022	Apply

Click "Apply"

Basic Phlebotomy : 466-001-22 1.5

First Name

Last Name

Highest Degree ▼

Certification

License # (enter NA if not applicable)

Years Experience

Job Title

Phone

To what degree did the program meet its stated objectives? 1 2 3 4 5
Poor Excellent

How would you rate this program as a CE activity? 1 2 3 4 5
Poor Excellent

How would you rate the quality of program content? 1 2 3 4 5
Poor Excellent

Fill up the details and click "Submit" to get your certificates

CERTIFICATE OF COMPLETION

Continuing Education Completion Certificate

Organization: Sunway Medical Centre

Participant: Meera Kumar

License #: NA

Title	Course Number	Credit Hours	Completed on
Lab Competency Assessment: Phlebotomy, Transfusion Service: Intermediate	466-083-22	1.0	Jan 18, 2022

Program Administrator Signature

Michael Astion



California Accrediting Agency # 0001

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McLean, VA 22102
(301) 657-2768 (301) 657-2909(fax)

WATCH MTS TOUR

<https://www.medtraining.org/tours/LabTour/LabTour.html>

THANK YOU