PHARM.D • YEAR 2

Community Pharmacy

CHAPTER 8

Health Screening Services

PPT CHAPTER COVER

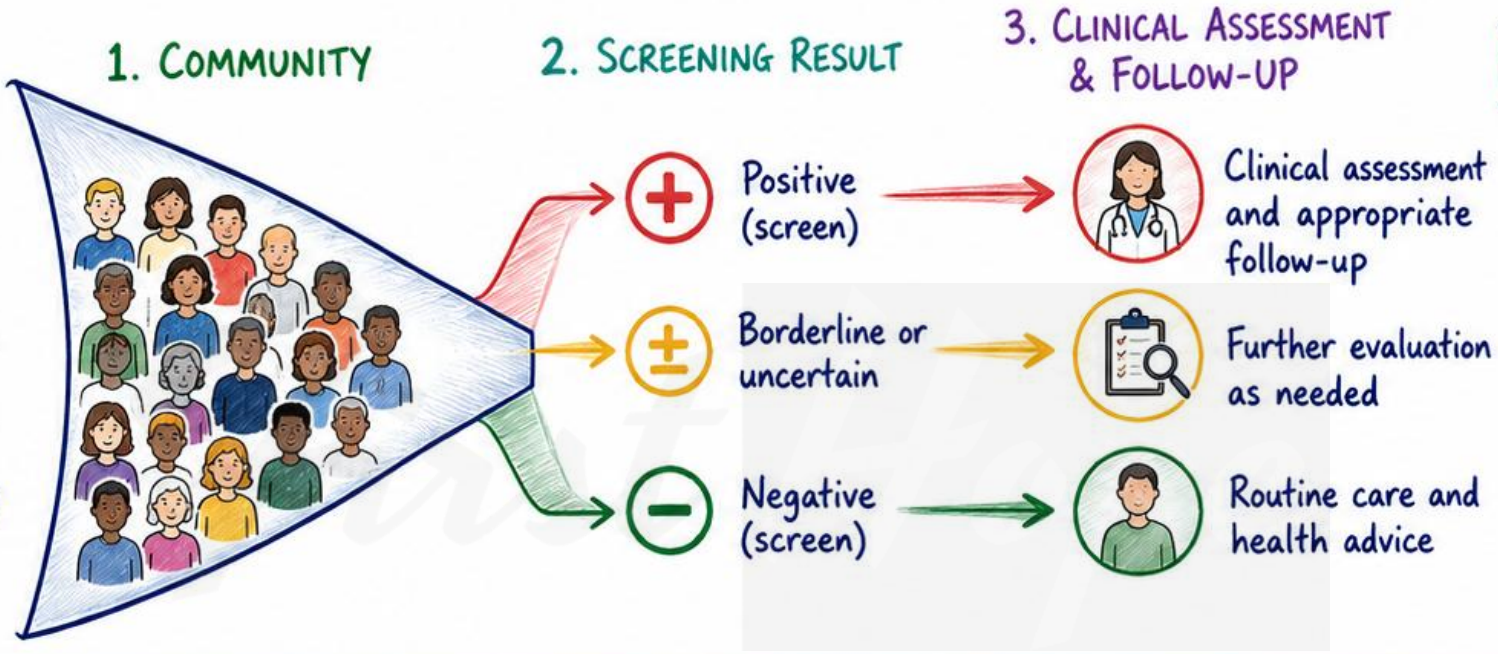


DOCTOR OF PHARMACY

HEALTH SCREENING: WHAT IT CAN DO

PURPOSE

Screening identifies people who may have an increased likelihood of disease or a health risk, often before they notice symptoms.



POTENTIAL BENEFITS

Earlier assessment, prevention advice and connection to appropriate care.

IMPORTANT LIMITS

False-positive and false-negative results occur. Some screening can lead to unnecessary investigation or overdiagnosis.

A positive screen is not a confirmed diagnosis. A reassuring result does not override important symptoms.

Offer screening only when an appropriate test, quality process and follow-up pathway are available.

SCREENING METHODS & SERVICE DESIGN

METHODS

Risk questionnaires, blood-pressure measurement, body measurements and selected point-of-care tests can support risk assessment.

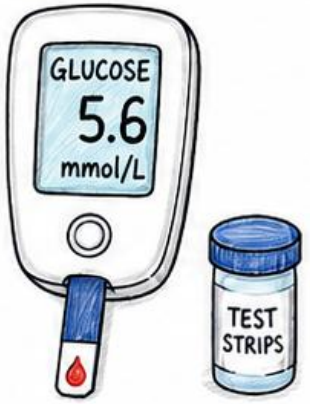
Glucose or lipid testing may be available within an authorized, quality-controlled service.



RISK QUESTIONNAIRE



BLOOD-PRESSURE MEASUREMENT



POINT-OF-CARE TEST (GLUCOSE/LIPID)

CHOOSE A USEFUL TEST

Consider accuracy, acceptability, safety, cost and whether an actionable follow-up pathway exists.



ACCURACY



ACCEPTABILITY



SAFETY



COST



ACTIONABLE FOLLOW-UP

PREPARE THE SERVICE

Define eligibility, consent, staff competence, equipment checks, infection control, documentation and referral arrangements.

Simple equipment does not remove the need for training or clinical judgement.



DEFINE ELIGIBILITY



CONSENT



STAFF COMPETENCE



EQUIPMENT CHECKS



INFECTION CONTROL



DOCUMENTATION

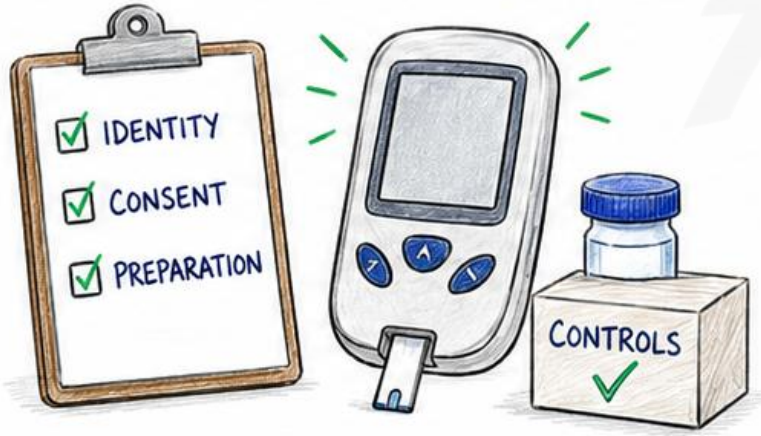


REFERRAL ARRANGEMENTS

Point-of-care Testing: Quality First

Before Testing

Confirm identity, consent and relevant preparation. Check the device, supplies, storage conditions, expiry and required quality controls.



During Testing

Follow the validated procedure and manufacturer's instructions. Use appropriate hygiene, protective equipment and safe sharps disposal.



After Testing

Record the result, units, date, relevant circumstances and action taken. Explain limitations and arrange follow-up.



Unexpected results need assessment; do not simply accept a number because it appeared on a screen.

Blood Pressure: Measurement Technique

Prepare

Avoid smoking, caffeine and exercise for 30 minutes beforehand. Empty the bladder and rest quietly for 5 minutes.

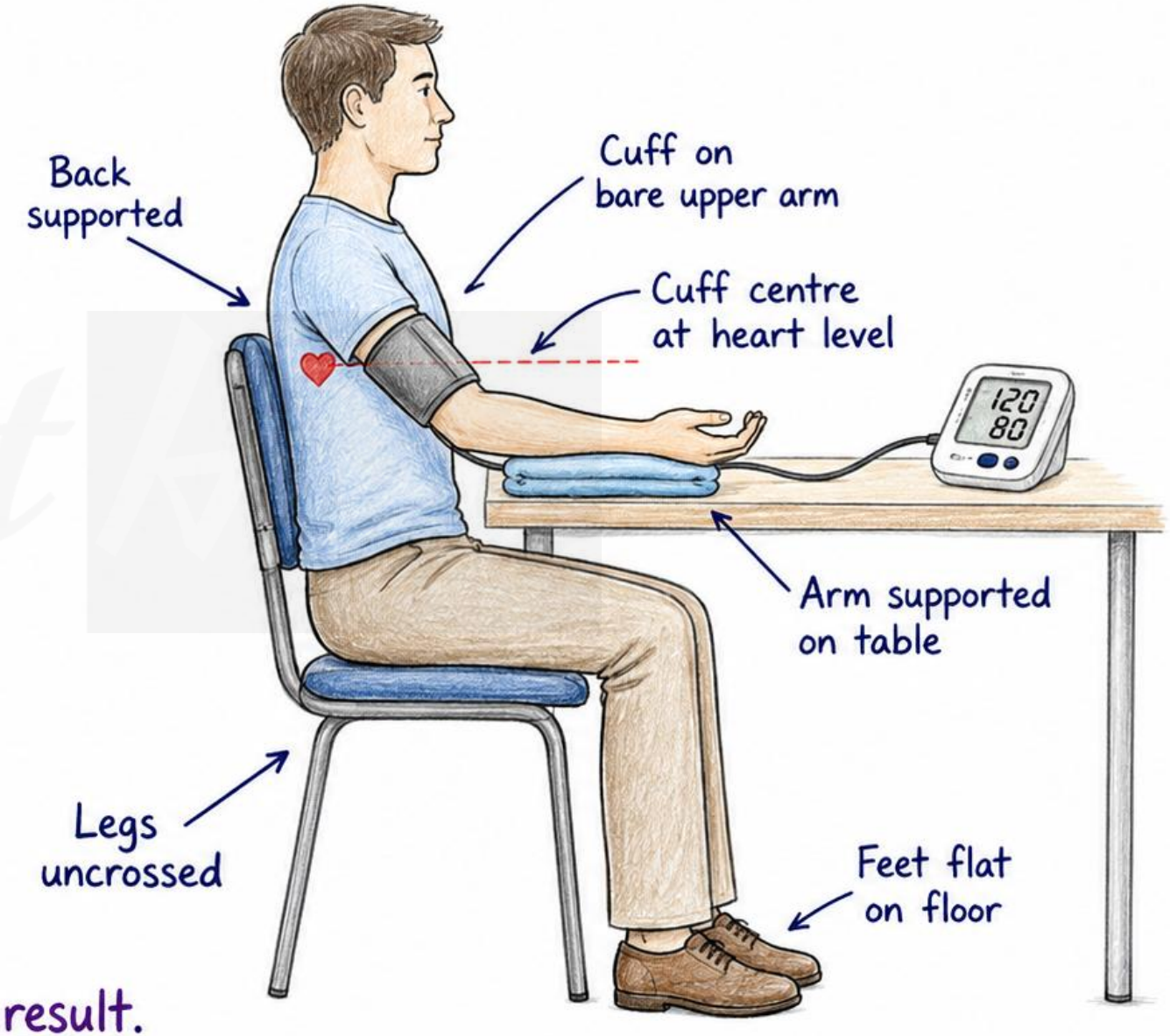
Position

Sit with back supported, feet flat and legs uncrossed. Support the bare arm at heart level and use the correct cuff size.

Measure

Use a validated upper-arm device. Do not talk during measurement.
Take two readings at least one minute apart and record them according to the service protocol.

Poor technique can create a misleading result.



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