



MINISTRY OF
**HEALTH &
WELLNESS**



NATIONAL SCREENING GUIDELINES FOR PRIORITY NON-COMMUNICABLE DISEASES NCDS IN PRIMARY HEALTH CARE



POCKET GUIDE

INTRODUCTION

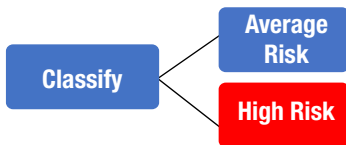
This pocket guide draws on the National Screening Guidelines for Priority Non-communicable Diseases (NCDs) in Primary Health Care for Jamaica and repackages them as a handy tool for clinicians, policymakers and programme managers.

Source: National Screening Guidelines for Priority Non-communicable Diseases (NCDs) in Primary Care 2nd Edition. Ministry of Health & Wellness, Jamaica; 2024.

The complete screening guidelines are available at:
<https://www.moh.gov.jm/wp-content/uploads/2021/03/National-Screening-Guidelines-for-Priority-Non-Communicable-Diseases-NCDs-in-Primary-Health-Care.pdf>

During the patient encounter, the healthcare provider will be required to:

1. Identify the patient's age and stage along the life course.
2. Classify the patient based on risk for the NCD being reviewed.

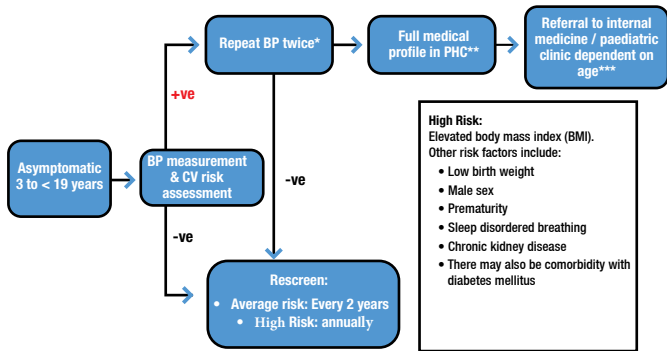


3. Identify the recommended screening test for the patient, appropriate to their life course stage, age and risk classification.

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SCREENING GUIDELINE FOR HYPERTENSION & CARDIOVASCULAR DISEASE IN CHILDREN & ADOLESCENTS

Algorithm 1: Screening, Referral and Follow Up in Children and Adolescents at Average and High Risk for High Blood Pressure



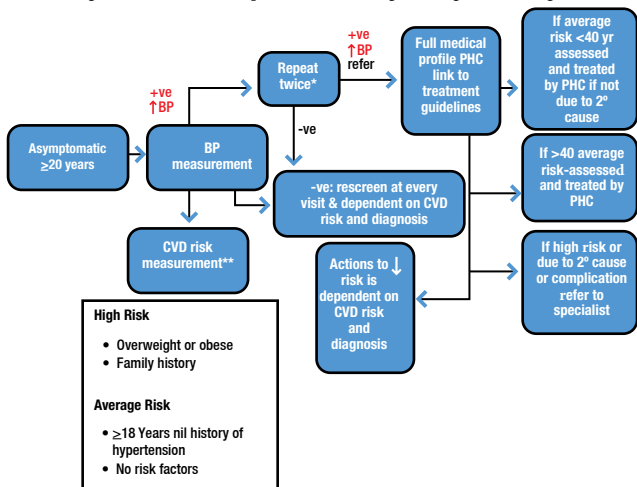
Abbreviations: PHC, primary health care, **-ve, negative** (<120/<80 mmHg), **+ve, positive** (>120/>80 mmHg)

*at different times, different settings if possible

** See appendix 3 of the National Screening Guidelines for priority Non-Communicable Diseases (NCDs) in Primary Healthcare.

SCREENING GUIDELINE FOR HYPERTENSION & CARDIOVASCULAR DISEASE IN ADULTS

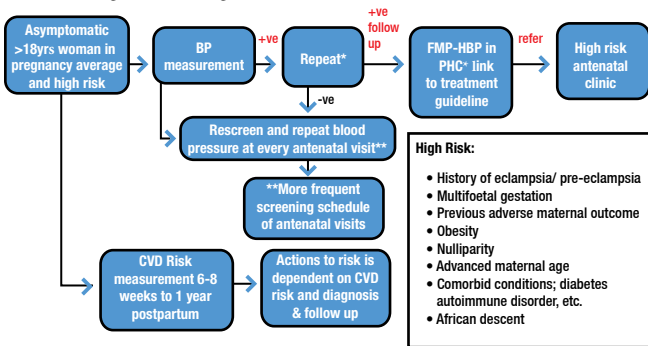
Algorithm 2: Screening, Referral and Follow Up in Adults at Average and High Risk for High Blood Pressure and CVD Risk



Abbreviations: PHC, primary health care, -ve, negative (<120/<80 mmHg), +ve, positive (>120/>80 mm Hg)
 *at different times, different settings if possible. **See appendix 3 of the National Screening Guidelines for priority Non-Communicable Diseases (NCDs) in Primary Healthcare.

SCREENING GUIDELINE FOR HYPERTENSION & CARDIOVASCULAR DISEASE IN PREGNANT WOMEN

Algorithm 3: Screening, Referral and Follow up in Pregnant Women at Average and High Risk for High Blood Pressure and Cardiovascular Disease Risk



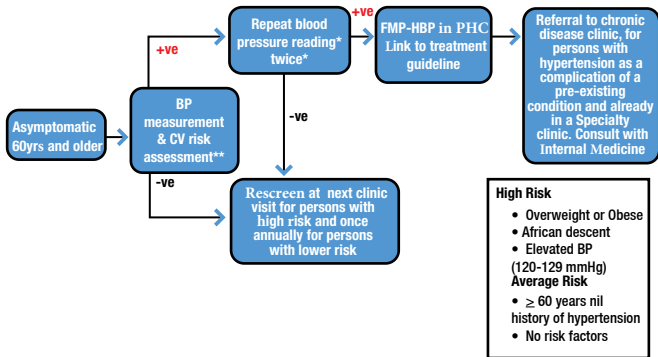
Abbreviations: *at different times (30 mins or more apart), different settings if possible

*FMP-HBP, full medical profile for high blood pressure; PHC, primary health care; **-ve, negative** (SBP <140mmHg or DBP <90mmHg before or after 20 weeks gestation); **+ve, positive** (SBP 140 or DBP >90mmHg before or after 20 weeks gestation)

** for the pregnant teenager

SCREENING GUIDELINE FOR HYPERTENSION & CARDIOVASCULAR DISEASE IN THE ELDERLY

Algorithm 4: Screening, Referral and Follow Up in the Elderly at Average and High Risk for High Blood Pressure and CVD Risk



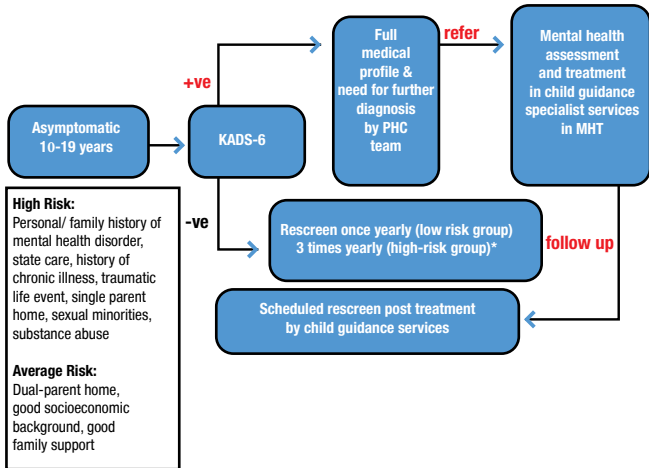
Abbreviations: FMP-HBP, full medical profile for high blood pressure; PHC, primary health care; -ve, **negative** (<120/<80 mmHg); +ve, **positive** (≥120/≥80 mm Hg)

*at different times (30 mins or more apart), different settings if possible

**See appendix 3 of the National Screening Guidelines for priority Non-Communicable Diseases (NCDs) in Primary Health Care.

SCREENING GUIDELINE FOR DEPRESSION IN ADOLESCENTS

Algorithm 5: Screening, Referral and Follow Up in Adolescents at
Average and High Risk for Major Depression

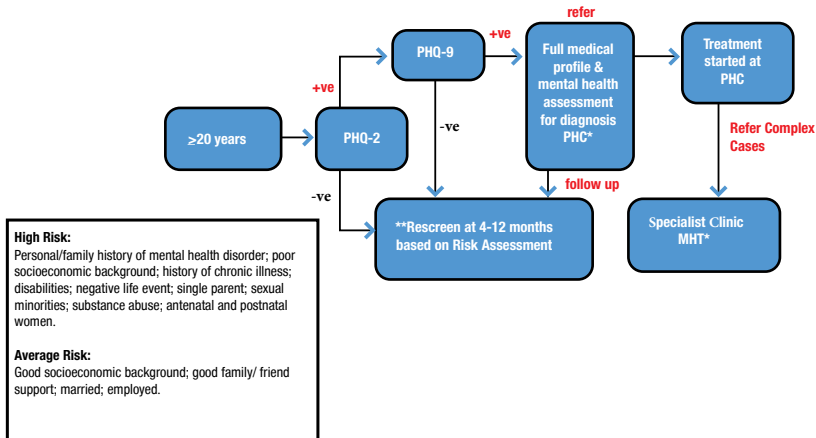


Abbreviations: MHT, Mental Health Team; PHC, primary health care; -ve, KADS-6 negative = score < 6; +ve, KADS-6 positive = score 6 or >

* Adolescents at high risk should be screened at least annually

SCREENING GUIDELINE FOR DEPRESSION IN ADULTS

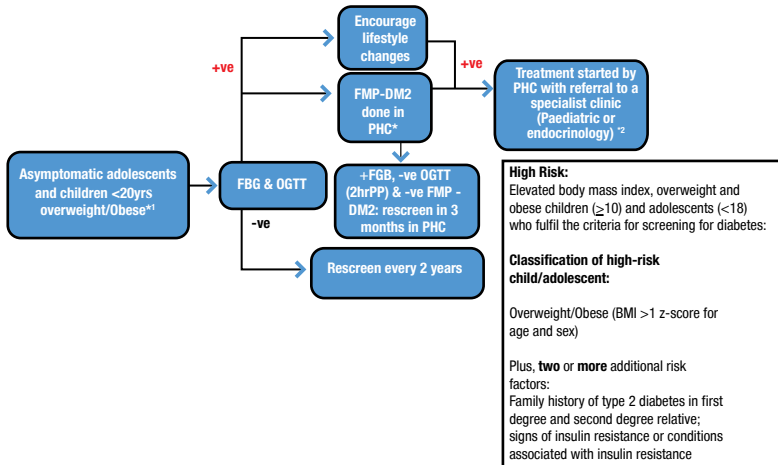
Algorithm 6: Screening, Referral and Follow Up in Adults at Average Risk and High Risk for Major Depression



Abbreviations: PHQ-2, Patient Health Questionnaire 2; PHQ-2 +ve, positive = yes to either question; PHQ-2 -ve, negative = no to both questions; PHQ-9 +ve, positive = score 5 or >5; PHQ-9 -ve, negative = <5; PHC, primary health care; MHT, Mental Health Team; *Criteria for referral to the MHT is in the mhGAP for management of common mental health disorders in primary care. **Rescreen: High Risk Groups, twice annually; Average Risk Groups, annually; The Elderly, 2-4 times per year; Pregnant & Post-partum, each antenatal & postnatal visit

SCREENING GUIDELINE FOR DIABETES MELLITUS TYPE 2 IN CHILDREN & ADOLESCENTS

Algorithm 7: Screening, Referral and Follow-up in Children and Adolescents at High Risk for Diabetes Mellitus Type 2

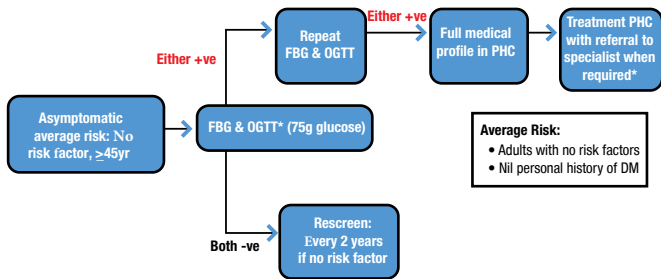


Abbreviations: FMP-DM2, Full medical profile for Diabetes Mellitus Type 2; PHC, primary health care; **-ve, negative** (Fasting Blood Glucose or Oral Glucose Tolerance Test normal); **+ve, positive** (elevated Fasting Blood Glucose or Oral Glucose Tolerance Test)

*1 Plus 2 or more risk factors *2 See clinical management guideline

SCREENING GUIDELINE FOR DIABETES MELLITUS TYPE 2 IN ADULTS

Algorithm 8: Screening, Referral and Follow-up in Adults at Average Risk for Diabetes Mellitus Type 2

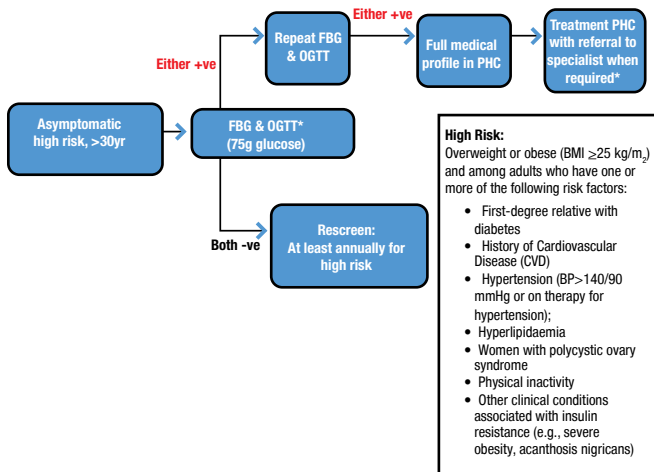


Abbreviations: PHC, primary health care; **-ve, negative** (normal Fasting Blood Glucose or Oral Glucose Tolerance Test); **+ve, positive** (elevated Fasting Blood Glucose or Oral Glucose Tolerance Test)

*Criteria for specialist care from the clinical management guideline

SCREENING GUIDELINE FOR DIABETES MELLITUS TYPE 2 IN ADULTS

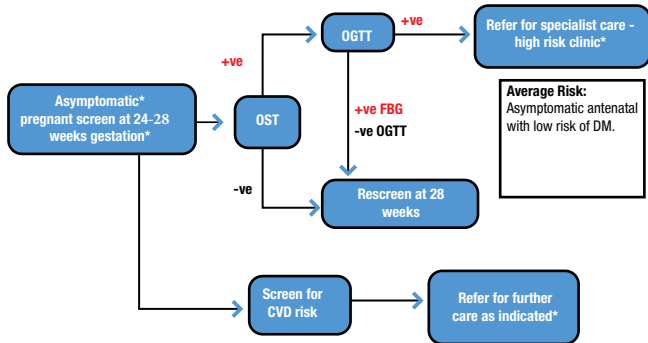
Algorithm 9: Screening, Referral and Follow-Up in Adults at High Risk for Diabetes Mellitus Type 2



Abbreviations: **-ve, negative** (normal Fasting Blood Glucose or Oral Glucose Tolerance Test); **+ve, positive** (elevated Fasting Blood Glucose or Oral Glucose Tolerance Test); PHC, primary health care; *Criteria for specialist care from the clinical management guideline

SCREENING GUIDELINE FOR DIABETES MELLITUS TYPE 2 IN PREGNANT WOMEN

Algorithm 10: For Screening, Referral and Follow Up in Women at Average Risk for Diabetes in Pregnancy

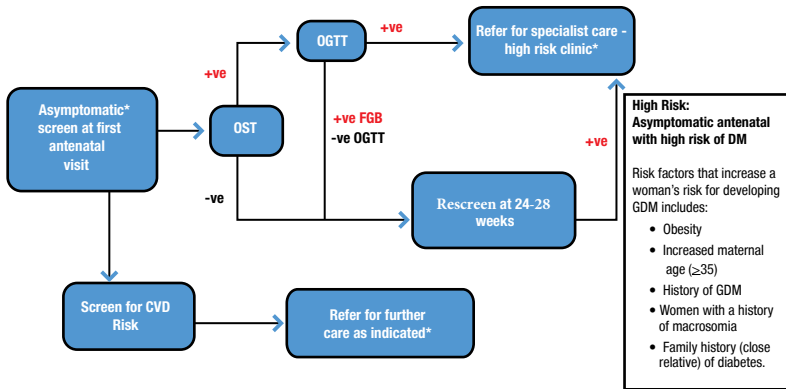


Abbreviations: OST – O’Sullivan’s Test; FBG, Fasting Blood Glucose; OGTT, Oral Glucose Tolerance Test; **-ve, negative** (normal O’ Sullivan Test, Fasting Blood Glucose or Oral Glucose Tolerance Test); **+ve, positive** (elevated O’ Sullivan, Fasting Blood Glucose or Oral Glucose Tolerance Test)

* Further care would need to be identified to manage CVD risk

SCREENING GUIDELINE FOR DIABETES MELLITUS TYPE 2 IN PREGNANT WOMEN

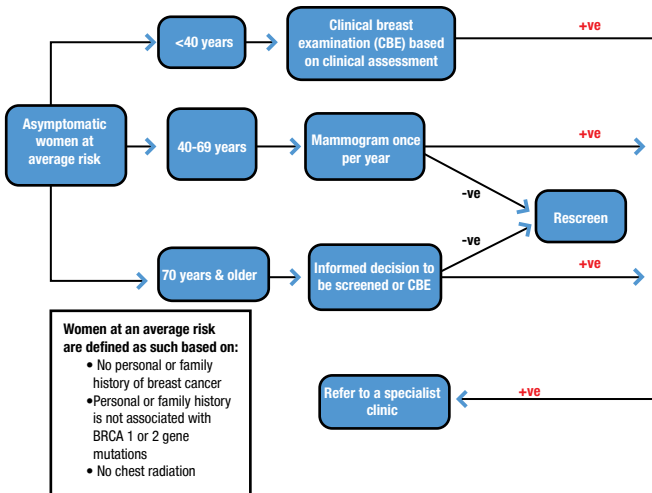
Algorithm 11: Screening, Referral and Follow Up in Women at High Risk for Diabetes in Pregnancy



Abbreviations: OST – O'Sullivan's Test; FBG, Fasting Blood Glucose; OGTT, Oral Glucose Tolerance Test; **-ve, negative** (normal O' Sullivan Test, Fasting Blood Glucose or Oral Glucose Tolerance Test); **+ve, positive** (elevated O'Sullivan, Fasting Blood Glucose or Oral Glucose Tolerance Test) * Further care would need to be identified to manage CVD risks.

SCREENING GUIDELINE FOR BREAST CANCER IN WOMEN

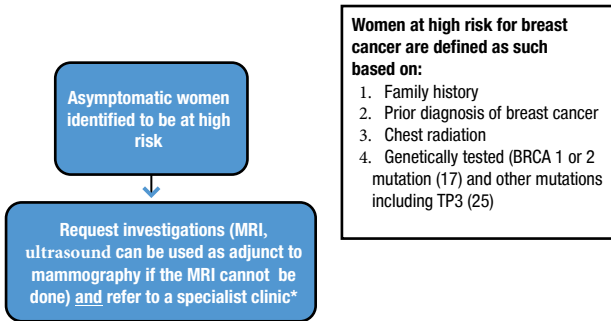
Algorithm 12: Screening, Referral and Follow Up in Women at Average Risk for Breast Cancer



Though routine screening is not recommended for men, men may develop breast cancer and should be encouraged to feel their breast and chest walls and report to their doctor any lumps or change.

SCREENING GUIDELINE FOR BREAST CANCER IN WOMEN

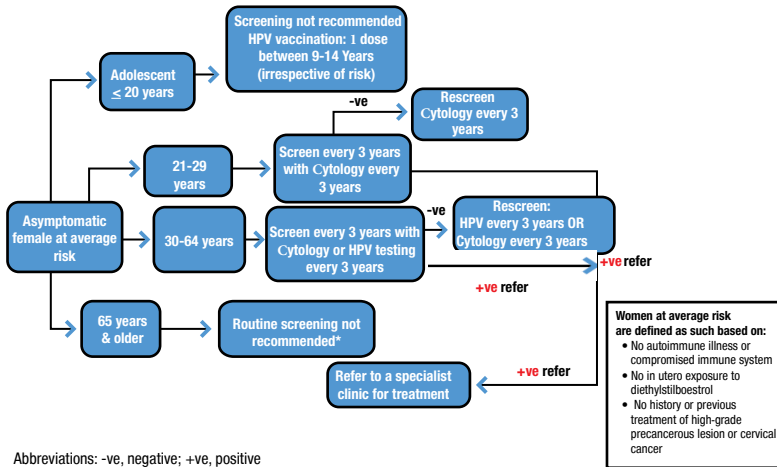
Algorithm 13: Screening, Referral and Follow up in Women at High Risk for Breast Cancer



*High risk women should be referred to a Specialist Clinic. Screening test should be indicated as a baseline.

SCREENING GUIDELINE FOR CERVICAL CANCER IN WOMEN

Algorithm 14: Screening, Referral and Follow of Women at Average Risk for Cervical Cancer

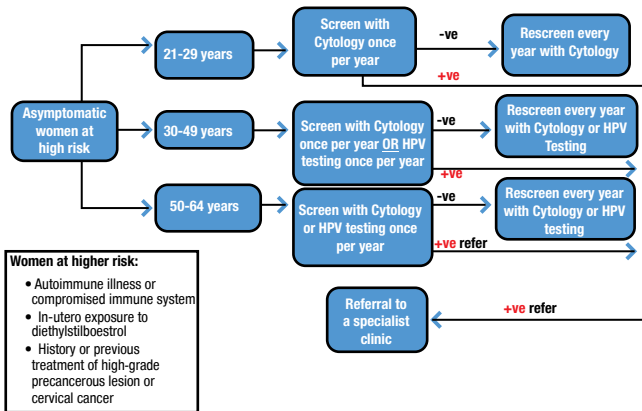


Abbreviations: -ve, negative; +ve, positive

*Specialist consult and screening if <3 consecutive negative screening test results

SCREENING GUIDELINES FOR CERVICAL CANCER IN WOMEN

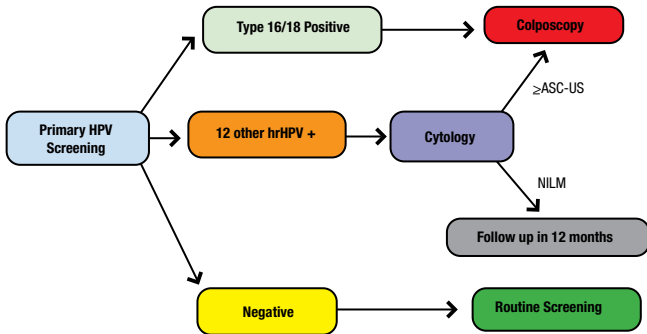
Algorithm 15: For Screening, Referral and Follow Up in Women at High Risk for Cervical Cancer



Abbreviations: -ve, negative, +ve, positive

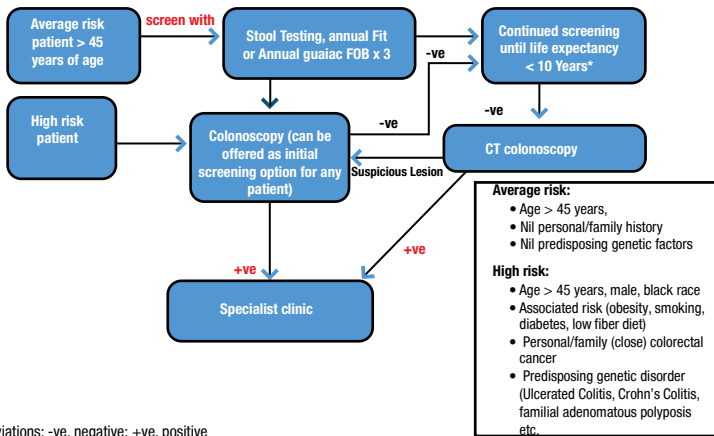
SCREENING GUIDELINES FOR CERVICAL CANCER IN WOMEN

Algorithm 16: Recommended for Primary HPV Screen and Treat Algorithm



SCREENING GUIDELINES FOR COLORECTAL CANCER IN ADULTS

Algorithm 17: Screening and Follow Up of Adults at Average or High Risk for Colorectal Cancer



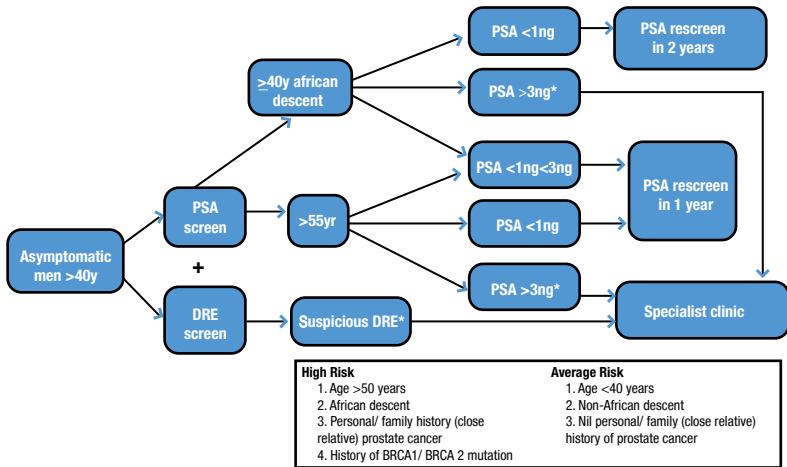
Abbreviations: -ve, negative; +ve, positive

*Rescreen Average Risk Patients with negative Colonoscopy every 10 years; rescreen High Risk Patients with negative Colonoscopy < 5 years depending on risk assessment.

** Colonoscopy incomplete OR not available OR patient unwilling Source: modified (30)

SCREENING GUIDELINES FOR PROSTATE CANCER IN MEN

Algorithm 18: Screening and Follow Up of Men at Average and High Risk for Prostate Cancer



Abbreviations: DRE, Digital Rectal Examination; PSA, Prostate Specific Antigen

* All suspicious DRE / PSA > 3ng should be referred to a Specialist Clinic; other tests to assist with the work up of the patient may be requested but should not delay referral to a Specialist Clinic



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