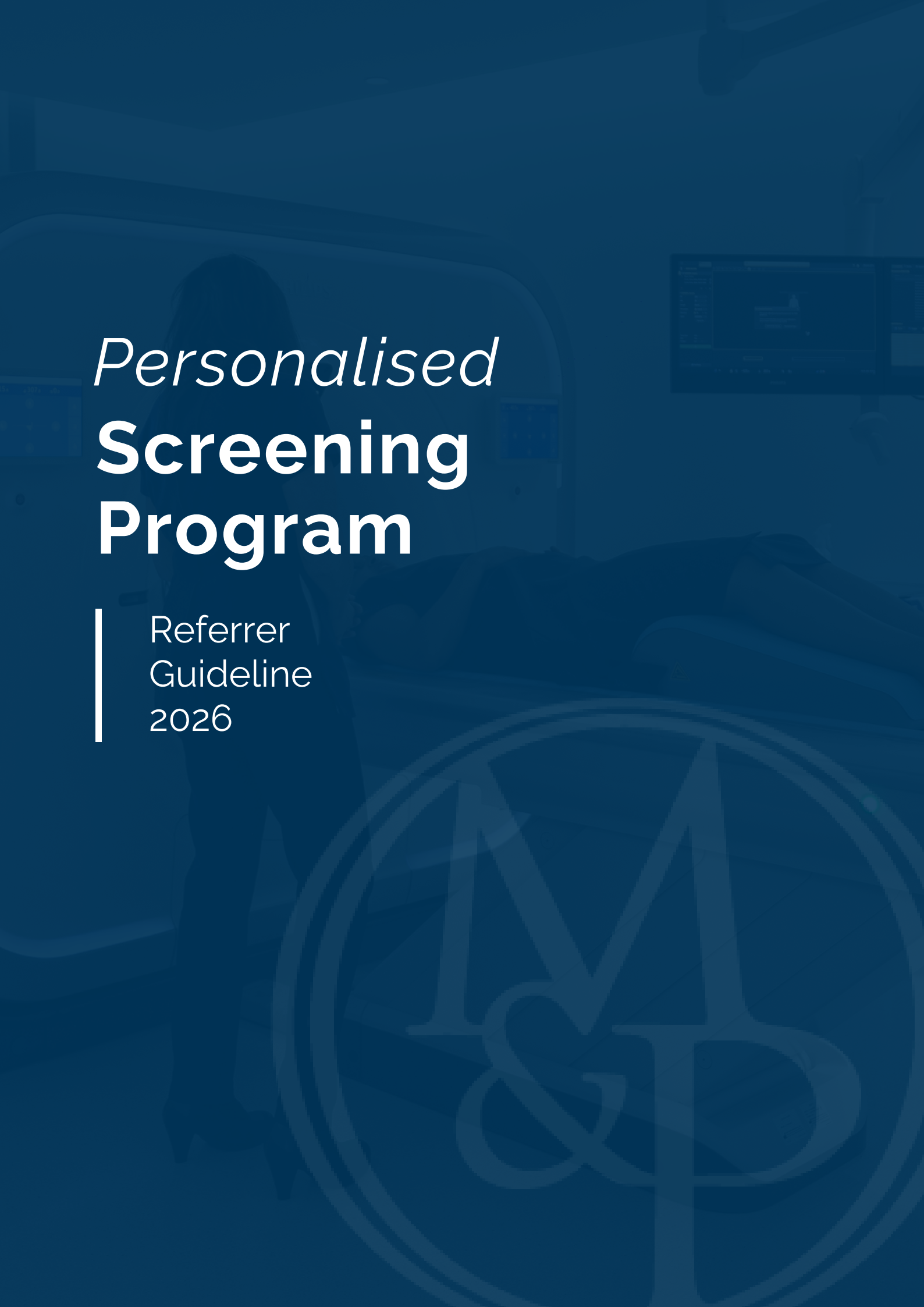




Personalised **Screening Program**

Referrer
Guideline
2026

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What is **Personalised Screening**

Personalised screening goes beyond routine checks. It is a targeted, evidence-based approach that uses advanced imaging to detect subclinical disease before symptoms emerge — tailored to each patient's unique risk profile, family history, and biochemical markers.

The packages provided are suggested groupings of scans. Our team is happy to work with you to develop a customised protocol aligned to your patient's specific needs, and to provide quotes for any combination of modalities.

Why choose personalised screening?

- Clinically Guided
- Radiation-Safe — most modalities use no or extremely low-dose radiation.
- Targeted & Customisable — packages tailored to each patient's risk profile; bespoke protocols available on request.
- Fast & Convenient — one-stop comprehensive screening at Riverlands. Reports accessible via digital portal.

When to consider referral

- BRCA mutation or confirmed genetic predisposition syndrome
- Family history of stroke, heart attack or cancer
- Abnormal biochemistry — dyslipidaemia, elevated CRP or HbA1c
- Regular alcohol use or insulin resistance / metabolic syndrome
- Smoking history or harmful environmental exposure
- Cognitive longevity concern or high-risk bio-metabolic markers
- CVD risk stratification or related cardiovascular risk factors

Suggested packages

Cardiometabolic From R11 260 —CVD risk, Metabolic Syndrome & related cardiovascular risk factors

Neurometabolic From R18 580 —Cognitive longevity, brain health & bio-metabolic markers

Cancer Risk From R13 505 —High-risk oncology — family history, genetic predisposition

*Packages are valid for 2026 and exclude consumables where required. All quoted amounts are indicative starting points



Package 1

Cardiometabolic Screening

Designed to stratify 10-year cardiovascular disease risk using objective imaging biomarkers. This package provides a comprehensive assessment of cardiac, vascular, hepatic, and metabolic health — enabling early intervention before clinical events occur.

Best for

Patients with CVD risk, Metabolic Syndrome, dyslipidaemia, hypertension, insulin resistance, or related cardiovascular risk factors. Ideal for executive health checks and high-risk primary prevention.

Package Price

From R11 260

Excludes consumables where required. Valid for 2026

What's included

Coronary Calcium Score (CAC)

- Non-invasive assessment of coronary artery calcification to guide CAD risk stratification and treatment decisions.
- Radiation: 1–3 mSv (low dose)

Hepatic Shear Wave Elastography

- Ultrasound-based assessment of liver fibrosis and steatosis — increasingly associated with metabolic cardiovascular risk.
- Radiation: None

Carotid Doppler

- Assessment of carotid stenosis, vessel wall plaque burden, and blood flow — a surrogate marker for systemic atherosclerosis.
- Radiation: None

DEXA Body Composition (Body Composition optional)

- Quantifies visceral fat, lean muscle mass, and bone density — key metabolic risk indicators.
- Radiation: 0.001 mSv

Coronary CT Angiogram (Optional, POR)

- Detailed evaluation of coronary artery disease in patients with abnormal CAC or lipid profile.
- NB: Scheduled at a in-hospital facility.



Package 2

Neurometabolic Screening

A comprehensive assessment of brain health, metabolic neurological burden, and systemic vascular risk. This package detects early neurodegeneration and vascular changes before symptoms emerge — providing meaningful data for cognitive health management.

Best for

Patients interested in cognitive longevity, metabolic brain health, those with a family risk of neurodegeneration, or high-risk bio-metabolic markers. Ideal for patients with early memory concerns, executive dysfunction, or strong family history of dementia or stroke.

Package Price

From R18 580

Excludes consumables where required. Valid for 2026

What's included

MRI Brain + Volumetrics

- High-resolution structural brain MRI with volumetric analysis — detecting white matter disease, vascular abnormalities, cortical atrophy, and incidental findings.
- Radiation: None

Hepatic Shear Wave Elastography

- Liver stiffness assessment — metabolic liver disease is increasingly linked to neuroinflammation and cognitive decline risk.
- Radiation: None

Carotid Doppler

- Evaluation of extracranial vascular health. Carotid plaque is an independent predictor of cerebrovascular events and cognitive impairment.
- Radiation: None

DEXA Body Composition (Body Composition optional)

- Quantifies visceral fat, lean muscle mass, and bone density — key metabolic risk indicators.
- Radiation: 0.001 mSv



SIEMENS
Healthineers

patient registration

patient information

name: _____

MR head/neck: 20

MR spine: 10

MR knee: 10

MR wrist/ankle: 20

MR foot: 10

MR hand: 10

MR pelvis: 10

MR leg: 10

MR arm: 10

MR chest: 10

MR abdomen: 10

MR head/neck: 20

MR spine: 10

MR knee: 10

MR wrist/ankle: 20

MR foot: 10

MR hand: 10

MR pelvis: 10

MR leg: 10

MR arm: 10

MR chest: 10

MR abdomen: 10

Package 3

Cancer Screening

A low-to-no radiation oncological surveillance package, designed for patients at elevated cancer risk. Using predominantly MRI-based modalities, this package enables whole-body cancer detection with minimal radiation exposure — detecting malignancy before it declares itself.

Best for

Patients with high-risk oncology screening needs — including family history of cancer, BRCA or other genetic predisposition.

Package Price

From R13 505

Excludes consumables where required. Valid for 2026

Important note on pricing: Please contact our Riverlands team directly for a tailored quote: ReceptionRVL@morton.co.za

What's included

Whole Body DWI MRI

- Whole-body diffusion-weighted imaging for high-risk cancer surveillance — highly sensitive for identifying sites of malignancy in patients with genetic syndromes or prior cancer.
- Radiation: None

Mammogram / Breast MRI (Female)

- Breast cancer screening in line with RSSA and BISSA guidelines. MR Breast available as an alternative for high-risk or dense breast tissue patients.
- Radiation: Mammogram: 0.4 mSv | MR Breast: None

Prostate MRI (Male)

- Prostate cancer evaluation based on PSA levels, family history, or clinical concern. Non-invasive and highly specific.
- Radiation: None

Low Dose Chest CT (Optional)

- Lung cancer screening indicated for patients aged 50–80 with ≥20 pack-year smoking history..
- Radiation: 0.5 mSv (low dose)

CT Colonography (Optional)

- Colorectal cancer and polyp detection — a non-invasive alternative to colonoscopy for appropriate patients.
- Radiation: 5–7 mSv (moderate)

Our Process

Our referral process is designed to be simple, efficient, and fully supportive of your clinical workflow. Whether you are referring for a complete package or an individual modality, our team at Riverlands Outpatient Facility manages the entire patient journey from booking to report delivery.

Identify the patient

Referral Starts here

Review the referral indicators and package options in this booklet. Select the most appropriate package or combination of modalities for your patient's risk profile.

Contact our team

Submit a request via our online booking or via email to receptionRVL@morton.co.za for a bespoke quote or to discuss suitability. We are happy to advise on the most appropriate protocol

Patient Booking

Our Riverlands team will contact your patient directly to schedule their appointment. Mon–Fri, 09:00–17:00. One-stop scanning at our purpose-built outpatient facility.

Scan and Report

All studies are performed and interpreted by Morton & Partners' multidisciplinary subspecialist radiologists. Each modality is reported by the relevant imaging specialist.

Personalised Screening Team

A Multi-disciplinary team:

For over 75 years, Morton & Partners Radiologists has been at the forefront of specialist radiology in South Africa. With 30+ subspecialist radiologists across 16 branches in the Western Cape and KwaZulu-Natal, we bring world-class expertise to every referral.

30+ Subspecialist Radiologists

Large Geographic Footprint

Patient-first, future-ready

Sub-specialist Areas:

Interventional & Vascular Radiology

- Minimally invasive procedures, vascular disease management, women's and men's health interventions.

Neuroradiology & Neuro-Intervention

- Stroke programme, advanced brain imaging, paediatric neuroradiology, and cognitive screening.

Musculoskeletal & Sports Imaging

- MSK subspecialists covering sports injuries, cryoablation, and advanced joint imaging.

Oncologic Imaging

- Dedicated oncologic imaging specialists supporting cancer detection, staging, and surveillance.

Women's Health

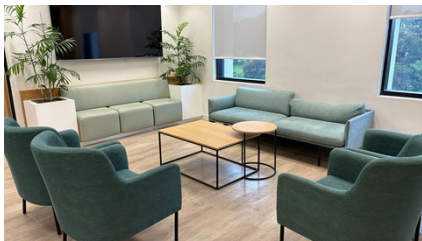
- Breast imaging, DEXA, gynaecologic MRI, and women-specific screening protocols.

Men's Health

- Prostate MRI, body composition, and men-specific screening and vascular evaluation.

Riverlands Outpatient Facility

The Personalised Screening Programme is based at our purpose-built Riverlands Outpatient Facility in Observatory, Cape Town — a state-of-the-art environment equipped to deliver comprehensive one-stop imaging across all screening modalities.



Professional Standards

Morton & Partners has aligned its business practices to the highest professional, ethical standards and codes of conduct as stipulated by the Health Professions Council of South Africa (HPCSA) and the Radiology Society of South Africa (RSSA). All screening protocols are aligned to ACR and RSSA evidence-based guidelines.



Personalised screening

Pricing

All prices are indicative starting points, valid for 2026, and exclude consumables where required. These are suggested package groupings — we are happy to assist with bespoke quotes for any combination of modalities.

CARDIOMETABOLIC PACKAGE

From R11 260

Best for: CVD risk, Metabolic Syndrome & related cardiovascular risk factors.

- Coronary Calcium Score
- Hepatic Shear Wave Elastography
- Carotid Doppler
- DEXA Body Composition
- Coronary CT Angiogram (Optional, POR)

Stratify 10-year CVD risk with objective imaging biomarkers

NEUROMETABOLIC PACKAGE

From R18 580

Best for: Cognitive longevity, metabolic brain health, family risk or high-risk bio-metabolic markers.

- MRI Brain + Volumetrics
- Hepatic Shear Wave Elastography
- Carotid Doppler
- DEXA Body Composition

Detect early neurodegeneration & vascular burden before symptoms

CANCER RISK PACKAGE

From R13 505

Best for: High-risk oncology — family history, genetic predisposition, oxidative stress / exposures.

- Whole Body DWI MRI
- Mammogram / Breast MRI (female)
- Prostate MRI (male)
- Low Dose Chest CT*
- CT Colonography* (Optional, POR)

Low-to-No radiation oncological surveillance. Detect before it declares itself.





Riverlands Contact:



021 569 0275



www.morton.co.za



receptionrvl@morton.co.za



*Riverlands Mall, Podium Level,
Building 5*