

CardioDetect Heart Institute

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MRN: 987654321

FINAL REPORT

Patient:	DOE, JOHN ALEXANDER	DOB:	03/15/1962	Age/Sex:	62Y / M
Accession:	ACC-20251213-62499	Collected:	12/13/2025 17:06	Ordering MD:	Dr. Sarah Johnson

CLINICAL CHEMISTRY / VITALS

TEST	RESULT	UNIT	REFERENCE	FLAG	PREVIOUS
Systolic Blood Pressure	155	mmHg	90 - 130	H	148
Diastolic Blood Pressure	92	mmHg	60 - 80	H	88
Total Cholesterol	245	mg/dL	0 - 200	H	238
HDL Cholesterol	38	mg/dL	40 - 100	L	40
Body Mass Index	32.5	kg/m ²	18.5 - 25.0	H	31.8
Heart Rate	78	bpm	60 - 100		76
Smoking Status	NEGATIVE		NEGATIVE		—
Diabetes Status	POSITIVE		NEGATIVE	A	—

CARDIOVASCULAR RISK ASSESSMENT

10-Year ASCVD Risk Score: 28.5%

Risk Category: HIGH RISK

Clinical Interpretation: Patient presents with multiple cardiovascular risk factors including hypertension, dyslipidemia, and diabetes. Aggressive risk factor modification is warranted. Consider initiating statin therapy and optimizing antihypertensive regimen.

CLINICAL RECOMMENDATIONS

PRI	CATEGORY	RECOMMENDED ACTION	EVIDENCE	TARGET
1	Hypertension	Initiate ACE inhibitor therapy. Lisinopril 10mg daily	ACC/AHA 2017 (Class I)	<130/80
2	Dyslipidemia	High-intensity statin therapy. Atorvastatin 40mg daily	ACC/AHA 2018 (Class I)	LDL <70
3	Diabetes	Optimize glycemic control. Metformin + lifestyle modification	ADA 2023	HbA1c <7%
4	Lifestyle	Therapeutic lifestyle changes. DASH diet, 150 min/wk exercise	AHA 2019 (Class I)	BMI <25



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PATIENT INSTRUCTIONS

- Schedule follow-up appointment within 2 weeks
 - Monitor blood pressure daily and maintain a log
 - Begin prescribed medications as directed
 - Follow DASH diet guidelines - limit sodium to <2300mg/day
 - Engage in 150 minutes of moderate aerobic activity per week
 - Contact clinic immediately if experiencing chest pain, severe headache, or shortness of breath

DIGITALLY SIGNED

Dr. Sarah Johnson, MD, FACC, FAHA

License: NY-MC-789012 | NPI: 1234567890

Specialty: Interventional Cardiology

Digitally signed on December 13, 2025 at 17:06:47

Audit: Collected 17:06 → Received 17:06 → Verified 17:06 → Released 17:06

CC: Primary Care Physician, Cardiology File | Accession: ACC-20251213-62499

END OF REPORT