

Desmond Rahman

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SUMMARY

Associate Medical Director and MD trained physician with 15 years of healthcare and diagnostic experience, including more than 10 years across **clinical laboratory** medicine and **medical affairs**. Provides clinical judgment across diagnostic product development, design control, clinical evidence, patient safety, medical risk management, regulatory submissions, and **post market surveillance**. Reviews complaints, adverse events, Medical Device Reports, **Health Hazard Evaluations**, benefit risk analyses, and product performance findings to guide patient focused decisions. Partners with R&D, Clinical Affairs, Regulatory Affairs, Quality, and Product Development teams on clinical studies, corrective actions, commercialization, and FDA interactions. Communicates medical assessments clearly with technical leaders, clinicians, customers, and business stakeholders while balancing clinical value, regulatory compliance, safety, and operational needs.

EXPERIENCE

Associate Medical Director, Medical Affairs

January 2022 - Present

Meridian Clinical Diagnostics

Chicago, IL

Leads medical oversight for **diagnostic products** across development, commercialization, safety monitoring, and post market decision making. Advises senior leaders and cross functional teams on clinical evidence, product performance, risk, and regulatory implications.

- Led complaint and MDR trend reviews, separating isolated cases from signals requiring formal medical risk assessment.
- Authored Health Hazard Evaluations and **benefit risk analyses** supporting Quality corrective action decisions.
- Guided **design control** teams on clinical requirements, laboratory workflows, and patient care implications.
- Reviewed study protocols and performance data, identifying meaningful endpoints and evidence gaps before regulatory milestones.
- Presented **medical assessments** to leadership, physicians, laboratory customers, and regulatory stakeholders during product decisions.
- Integrated surveillance findings, **adverse events**, and **clinical evidence** into lifecycle decisions supporting patient safety and compliance.

Medical Affairs Director, Laboratory Diagnostics

April 2019 - December 2021

Summit Reference Laboratories

Evanston, IL

Directed medical affairs support for laboratory instruments and assays used in hospital and reference laboratory settings. Connected clinical performance, laboratory workflows, post market findings, regulatory evidence, and safe use decisions across product teams.

- Evaluated post market data and laboratory complaints against intended use and clinical workflows.
- Partnered with clinical and regulatory specialists on study designs and submission evidence for authorities.
- Created medical assessment templates that improved consistency while preserving case specific **clinical judgment**.
- Assessed patient, provider, and laboratory effects during corrective action recommendations and mitigation reviews.
- Represented **Medical Affairs** at customer and scientific meetings focused on **diagnostic testing practices**.
- Prepared evidence summaries linking **product performance** findings with clinical significance and safe use decisions.

Senior Medical Affairs Manager

July 2016 - March 2019

Lakeview Health Diagnostics

Downers Grove, IL

Managed medical review for in vitro **diagnostic products**, connecting laboratory practice with product risk management, surveillance, clinical evidence, and regulatory needs. Mentored specialists and supported cross functional investigation of safety concerns.

- Reviewed complaints and adverse event information, identifying cases requiring **MDR** evaluation or investigation.
- Supported **Health Hazard Evaluations** through literature review, exposure assessment, and clinical risk reasoning.
- Contributed medical input during design reviews, identifying foreseeable clinical use risks and mitigations.
- Translated clinical data and scientific literature into evidence summaries for regulatory and post market activities.
- Mentored specialists on structured clinical assessment, documentation **quality**, and cross functional communication.
- Connected **product performance** records with laboratory practice to clarify **patient impact** and corrective priorities.

Clinical Laboratory Physician

July 2013 - June 2016

Prairie University Medical Center

Maywood, IL

Provided physician oversight in a hospital laboratory serving chemistry, hematology, infectious disease, and related diagnostic areas. Advised clinicians and laboratory teams on result interpretation, quality events, testing workflows, and new methods.

- Interpreted complex laboratory findings with treating clinicians, connecting results with patient context and follow up.
- Reviewed testing discrepancies and significant events, determining potential **patient impact** for corrective investigations.
- Advised laboratory teams on specimen considerations, test utilization, and workflow changes affecting result quality.
- Evaluated new diagnostic methods and instrumentation through clinical performance and operational fit reviews.
- Presented **laboratory medicine** topics to clinicians and technical staff, strengthening diagnostic communication.
- Supported hospital laboratory decisions across chemistry, hematology, infectious disease, and related services.

Clinical Laboratory Medicine Fellow

Riverside Academic Hospital

July 2011 - June 2013

Peoria, IL

Completed supervised **clinical laboratory** medicine training across core disciplines, building practical expertise in diagnostic testing, quality systems, clinical interpretation, and laboratory incident review. Prepared scientific work for physicians and technical teams.

- Reviewed complex laboratory cases with faculty physicians and prepared evidence based interpretations.
- Evaluated assay performance and quality control findings, distinguishing analytical variation from clinical concern.
- Supported supervised investigations of laboratory incidents and specimen issues, documenting potential clinical effects.
- Prepared **scientific reviews** and conference presentations on diagnostic methods and emerging laboratory evidence.
- Communicated diagnostic findings with laboratory professionals and clinicians across technical and medical perspectives.
- Developed foundational experience in laboratory quality systems, testing practices, and clinical consultation.

PROJECTS

Diagnostic Safety Signal Program 📅 2024

Built a structured review approach for complaints, adverse events, MDRs, and surveillance findings, helping teams distinguish emerging patient safety concerns from isolated product issues.

Clinical Evidence Review Framework 📅 2021

Standardized medical opinions, evidence summaries, and benefit risk reviews for diagnostic products, giving Quality and Regulatory teams clearer clinical rationale for decisions.

LEADERSHIP & AWARDS

- Physician Member, Medical Risk Review Council, 2022 to Present. Provides clinical perspective on product safety and risk decisions.
- Faculty Contributor, Clinical Laboratory Safety Education Committee, 2014 to 2016. Shared laboratory safety education with clinical and technical audiences.
- Board Certification, Clinical Pathology, 2014. Recognized advanced expertise in laboratory medicine and diagnostic interpretation.

EDUCATION

Doctor of Medicine

2011

University of Illinois College of Medicine GPA: 0

Chicago, IL

Coursework: Clinical medicine, pathology, laboratory medicine, patient safety

Bachelor's Degree in Clinical Laboratory Science

2007

Northern Illinois University GPA: 0

DeKalb, IL

Coursework: Clinical chemistry, hematology, microbiology, diagnostic testing

CERTIFICATIONS

- Illinois Physician and Surgeon License 📅 2011
- Board Certification, Clinical Pathology 📅 2014

TECHNICAL SKILLS

- **Clinical Laboratory Practice:** Laboratory medicine, Clinical pathology, Diagnostic testing
- **Diagnostic Products:** In vitro diagnostics, Assays, Laboratory instruments
- **Medical Risk Review:** Health Hazard Evaluations, Medical risk assessments, Benefit risk analyses
- **Safety Surveillance:** Post market surveillance, Adverse events, Safety signals
- **Device Reporting:** Medical Device Reports, MDR review, Complaint assessment
- **Clinical Evidence:** Clinical evidence summaries, Scientific reviews, Medical opinions
- **Product Development:** Design control, Clinical requirements, Product performance
- **Clinical Research:** Study protocols, Clinical endpoints, Performance data
- **Regulatory Affairs:** FDA interactions, Regulatory submissions, International health authorities
- **Quality Systems:** Corrective actions, Quality investigations, Risk mitigation
- **Laboratory Operations:** Hospital laboratories, Reference laboratories, Healthcare workflows
- **Scientific Communication:** Leadership presentations, Customer meetings, Conference presentations

SKILLS

- Medical Affairs
- Design Control
- Post Market Surveillance
- Patient Safety

- Laboratory Medicine
- Clinical Research
- Medical Device Reports
- FDA Interactions
- Clinical Judgment
- Clinical Evidence
- Health Hazard Evaluations
- Regulatory Submissions
- Diagnostic Products
- Risk Management
- Benefit Risk Analysis

PROFESSIONAL AFFILIATIONS

- Medical Risk Review Council, Physician Member, 2022 to Present
- Clinical Laboratory Safety Education Committee, Faculty Contributor, 2014 to 2016
- Medical Affairs and laboratory medicine professional community, clinical evidence and patient safety focus

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST