

# DMC Full Form In Medical:

## DMC

Data Monitoring Committee

Decision-Making Capacity

Diffusion Monte Carlo

District Medical Committee

## What is the full form of DMC?

### **DMC: Data Monitoring Committee or Decision-Making Capacity or District Medical Committee**

A data monitoring committee (DMC): sometimes called a data and safety monitoring board (DSMB) – is an independent group of experts who monitor patient safety and treatment efficacy data while a clinical trial is ongoing.

### **DMC: Diffusion Monte Carlo**

Diffusion Monte Carlo (DMC) or diffusion quantum Monte Carlo is a quantum Monte Carlo method that uses a Green's function to solve the Schrödinger equation.

DMC is potentially numerically exact, meaning that it can find the exact ground state energy within a given error for any quantum system. When actually attempting the calculation, one finds that for bosons, the algorithm scales as a polynomial with the system size, but for fermions,

DMC scales exponentially with the system size. This makes exact large-scale DMC simulations for fermions impossible; however, DMC employing a clever approximation known as the fixed-node approximation can still yield very accurate results.



# DMC:

1. DATA MONITORING COMMITTEE
2. DECISION-MAKING CAPACITY
3. DIFFUSION MONTE CARLO
4. DISTRICT MEDICAL COMMITTEE

ePaperPDF.com

## Other Full Form of DMC:

DMC	Decision-Making Capacity
DMC	District Medical Committee
DMC	Detroit Medical Center
DMC	Downstate Medical Center (NY)
DMC	Direct Microscopic Count

DMC	Data Monitoring Committee
DMC	Diagnose Manage Cure