

Helping athletes achieve winning performance



Body Composition Analysis through DXA Technology from GE Healthcare

Even small changes in body composition can significantly affect athletic performance and future health. Today monitoring body composition in just a few minutes¹ with a Dual-energy X-ray Absorptiometry (DXA)² examination provides valuable information that help athletes, trainers and coaches to adjust training programs and diet regimens for high performing athletes.

Lunar DXA Body Composition³ helps you:

- Establish a baseline and a target
- Monitor total or regional lean mass, fat and bone
- Visualize high % fat regions through color mapping¹



1. Depending on product configuration and availability

2. Follow local X-ray regulation

3. "The Lunar Body Composition software option (body composition) used on Lunar DEXA bone densitometer measures the regional and whole body bone mineral density (BMD), lean and fat tissue mass and calculates derivative values of bone mineral content (BMC), area, soft tissue mass, regional soft tissue mass, total soft tissue mass, fat free mass, regional/total soft tissue mass ratio, % fat, region % fat, total body % fat, Android % fat, Gynoid % fat; Android/Gynoid ratio (A/G ratio) and Body Mass Index (BMI). The values can be displayed in user-defined statistical formats and trends with color image mapping, and compared to reference populations at the sole discretion of the health care professional. These body composition values are useful to health care professionals in their management of diseases/conditions where the disease/condition itself, or its treatment, can affect the relative amounts of patient fat and lean tissue. The Lunar Body Composition Software option does not diagnose disease, or recommend treatment regimens, or quantify treatment effectiveness. Only the health care professional can make these judgements. Some of the diseases/conditions for which body composition values are useful include chronic renal failure, anorexia nervosa, obesity, AIDS/HIV and cystic fibrosis. DEXA body composition is a useful alternative to hydrostatic weighing and skin fold measurements." – Extract of FDA clearance K071570