

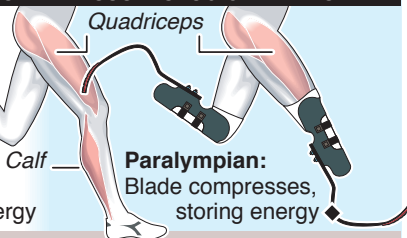
Blade runner takes his place at Worlds

Double amputee Oscar Pistorius will fulfil a long-held dream when he lines up alongside able-bodied athletes in Daegu. The four-time Paralympic champion will race in the 400m after meeting the qualifying standard in July

"CHEETAH FLEX-FOOT" VERSUS BIOLOGICAL LIMBS

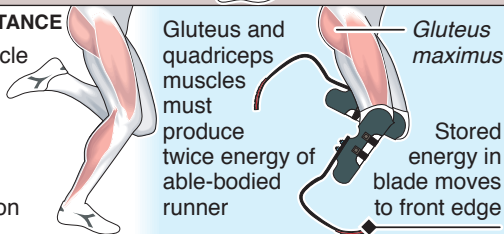
1. FOOT STRIKES GROUND

Able-bodied runner: Ankle, calf, knee and quadriceps absorb impact, storing energy



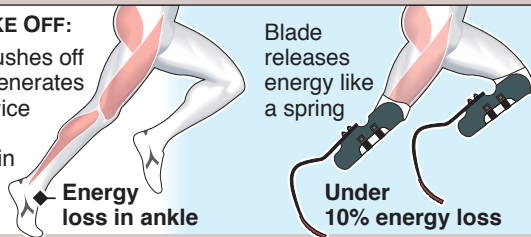
2. MID STANCE

Calf muscle begins to fire. All leg muscles provide locomotion



3. TAKE OFF:

Foot pushes off – leg generates over twice energy stored in first impact



Socket:
Snug fit to leg

Foot: Carbon composite

Spikes

RECORD COMPARISONS

	Time (seconds)		
Competition	400m	200m	100m
2009 Worlds gold, men	44.06	19.19	9.58
Pistorius's records	45.07	21.58	10.91
2009 Worlds gold, women	49.00	22.02	10.73