

Center	Do you have a Gait lab?	Do your PT's work in the Gait lab to provide the analysis? How many staff do you need to do the analysis with 1 patient at a time?	3. How much space (sqft) is dedicated to the Gait Lab?	4. Do you have high patient volumes for this service?	5. What equipment is required and a ball park price for each piece of equipment?
A					I can't really give rough \$\$\$s on equipment because we've only done incremental upgrades over
					a) at least 2 force plates (AMTI, Bertec and Kistler could give you quotes),
					b) a motion capture system capable of collecting 3D kinematics and kinetics, ~8-12 cameras depending on your space; check with Vicon, Motion Analysis Systems, Inc, and Qualisys for quotes
					c) dynamic electromyography, at least 10 channels – check with Motion Lab Systems, Noraxon, and there's a 3 rd vendor I can't think of this second.
	Yes, we have been seeing patients since 1995	We have a staff of 3 total FTEs. 1.0FTE for our Physical Therapist, 1.0FTE for our engineer, 0.8FTE for me (a PhD kinesiologist/biomechanist), and 0.2 for our Medical Director. It takes a minimum of two of us (PT, engineer or me) to collect patient data but we often have an intern or volunteer in the lab as well.	Main lab space is ~1600 sf, then we have an exam room and a couple of offices.	We are not a revenue generating dept for Mary Free Bed, but there is strong support for what we do. Our patient volume has grown fairly consistently since the lab opened. At this point we are seeing 3-5 patients per week. There are labs around the country seeing ~10/week, however this is achieved through much greater staffing.	d) Plantar pressure assessment, mat and/or in-shoe system, check with Tekscan and Novel, Inc. for quotes.
B	Yes.	Each gait analysis is staffed by a PT, the lab engineer, and a rehab tech.	The lab is approximately 1000 sq ft, with a separate exam room for the physical exam and instrumentation.	We see approximately 120 patients per year for clinical assessments, and another ~100 for research studies or other programs within the department.	Required:
					Optical motion capture system w/software: 200k
					Force plates: 12-15k apiece (recommend minimum of 2)
					Suggested:
					EMG system: 20-30k
					Plantar pressure system: 30-60k (cost varies based on the technology selected)
C	yes	Yes, We need at least 2 staff to test a patient. That does not necessarily have to be a PT. Some labs use kinesiologists. We typically use one Tech and either a student or a PT. Then we always have a PT do a physical exam for each patient. The PTs also do the data interpretations and complete the reports.	I would recommend a 30 ft walkway at minimum. Our lab is roughly 30' x 50'	Yes, 1-3 patients a day between clinical and research	There is a large range. Anywhere from \$50,000 - \$200,000.