



## Outcome Reports

The outcomes shown below have been collected using our state-of-the-art outcome system, the ASTYM Analyst™. Outcomes can be reported by six different outcome criteria including pain, functional status, pain and function combined, functional improvement, patient satisfaction, and patient goals. In addition, data can be analyzed and displayed by the following factors:

- Age
- Chronicity
- Comorbidities
- Gender
- Limitations on Visits
- Mechanism of Onset
- Other Therapy Received
- Patient Classification
- Percentage of ASTYM Tx. Visits
- Prior Therapy Received
- Referral Source
- Industry Code

The following are a few examples of report data available in the Analyst. If you would like to view reports in addition to those displayed below, please contact Performance Dynamics, Inc. at 800-333-0244.

### Functional Improvement in Work/Sport/Activity Displayed by Mechanism of Onset

By Mechanism of Onset	Total Cases	Avg # of ASTYM Tx	Improved	Same	Worse
Minor trauma (sprains, etc)	1018	7	91.3%	8.1%	0.7%
Major trauma (MVA, etc)	321	8	90.0%	9.0%	0.9%
Post surgical	438	9	90.4%	8.4%	1.1%
Repetitive stress (specific activity)	2038	9	90.4%	8.9%	0.7%
Insidious onset (no specific activity)	1850	9	89.7%	9.8%	0.5%
Degenerative (joint)	84	8	88.1%	11.9%	0.0%
<b>TOTALS</b>	<b>5749</b>	<b>8</b>	<b>90.3%</b>	<b>9.0%</b>	<b>0.7%</b>

\*Cases with no impairment IE and DC for functional improvement not included

### Pain Ratings Displayed by Chronicity

Chronicity	Total Cases	Avg # of ASTYM Tx	Excellent/Good	Fair/Poor
Acute (0-14 days)	251	6	94.4%	5.6%
Subacute (15 days to 12 weeks)	1784	8	90.6%	9.4%
Chronic long term (> 12 weeks)	3809	9	87.3%	12.7%
<b>TOTALS</b>	<b>5844</b>	<b>8</b>	<b>88.6%</b>	<b>11.4%</b>

\* Calculated from % change in pain and D/C pain

### Patient Satisfaction Displayed by Patient Classification

By Patient Classification	Total Cases	Avg # of ASTYM Tx	Satisfied	Neither	Unsatisfied
Recreationally active	2036	9	88.0%	9.8%	2.2%
Sedentary	753	9	83.8%	12.2%	4.0%
Competitive athlete	532	8	93.4%	5.8%	0.8%
Recreational athlete	955	8	92.8%	5.7%	1.6%
Workers compensation	1322	9	83.7%	13.8%	2.5%
Non-workers compensation	246	8	88.2%	10.6%	1.2%
<b>TOTALS</b>	<b>5844</b>	<b>8</b>	<b>87.8%</b>	<b>10.0%</b>	<b>2.2%</b>

**ASTYM® System Outcome Report**  
**Functional Improvement in Work/Sport/Activity**

All Diagnostic Categories	Total Cases	Avg # of ASTYM Tx	Improved	Same	Worse
<b>Shoulder Girdle</b>					
Adhesive capsulitis	21	10	100.0%	0.0%	0.0%
Biceps tendinitis	33	8	81.8%	15.2%	3.0%
Impingement/tendinitis of rotator cuff	110	8	91.8%	6.4%	1.8%
Rotator cuff tear	17	9	70.6%	23.5%	5.9%
Scapular dysfunction	26	7	92.3%	7.7%	0.0%
Shoulder pain	57	8	86.0%	12.3%	1.8%
<b>Elbow/Forearm</b>					
Cubital tunnel syndrome	17	9	76.5%	23.5%	0.0%
Elbow pain	47	8	89.4%	10.6%	0.0%
Lateral epicondylitis	956	10	89.5%	10.0%	0.4%
Lateral epicondylitis + carpal tunnel syndrome	44	9	88.6%	11.4%	0.0%
Lateral epicondylitis + medial epicondylitis	104	10	84.6%	14.4%	1.0%
Medial epicondylitis	149	9	93.3%	4.7%	2.0%
Other tendinitis of forearm (sprain/strain forearm)	89	8	93.3%	6.7%	0.0%
Ulnar neuritis	16	7	87.5%	12.5%	0.0%
<b>Hand &amp; Wrist</b>					
Carpal tunnel syndrome	222	9	85.1%	14.4%	0.5%
DeQuervain's	115	8	83.5%	15.7%	0.9%
Post-surgical carpal tunnel release	20	8	75.0%	15.0%	10.0%
Sprain-thumb/fingers	18	8	94.4%	5.6%	0.0%
Sprain-wrist	71	8	95.8%	4.2%	0.0%
Trigger finger	43	8	79.1%	18.6%	2.3%
<b>Other Upper Extremity Diagnoses</b>					
Scar management upper extremity-surgical or traumatic	19	11	94.7%	5.3%	0.0%
2 or more diagnoses from elbow to fingers	93	10	88.2%	8.6%	3.2%
Proximal and distal upper extremity pathologies	31	9	83.9%	9.7%	6.5%
<b>Hip &amp; Groin</b>					
Groin sprain/strain	40	7	92.5%	7.5%	0.0%
Hip pain	54	7	90.7%	9.3%	0.0%
IT band syndrome/TFL	51	7	92.2%	7.8%	0.0%
Piriformis syndrome	30	7	86.7%	13.3%	0.0%
Trochanteric bursitis	74	8	97.3%	2.7%	0.0%
<b>Knee</b>					
Hamstring strain	146	8	96.6%	3.4%	0.0%
IT band syndrome	61	7	96.7%	3.3%	0.0%
Knee pain	77	7	90.9%	9.1%	0.0%
Patellar tendinitis	86	8	90.7%	9.3%	0.0%
Patellofemoral pain, patellar instability, plica syndrome	91	8	83.5%	16.5%	0.0%
Post-surgical arthroscopy	26	11	96.2%	3.8%	0.0%
Post-surgical total knee arthroplasty	37	11	97.3%	2.7%	0.0%
Quad strain	33	6	90.9%	6.1%	3.0%
<b>Shin, Ankle &amp; Foot</b>					
Achilles tendinitis	258	9	94.6%	5.0%	0.4%
Ankle/foot pain	97	10	90.7%	8.2%	1.0%
Calf strain	58	8	93.1%	6.9%	0.0%
Plantar fasciitis-heel pain	822	10	91.8%	7.7%	0.5%
Shin splints-tendinitis of tibialis anterior, tibialis posterior, peroneal tendinitis	68	9	95.6%	4.4%	0.0%
Sprain-ankle	33	8	100.0%	0.0%	0.0%
<b>Other Lower Extremity Diagnoses</b>					
Scar management lower extremity-surgical or traumatic	26	9	88.5%	11.5%	0.0%
2 or more diagnoses from the knee to the toes	17	11	88.2%	11.8%	0.0%
<b>Head &amp; Neck</b>					
Cervical sprain/strain	19	7	84.2%	15.8%	0.0%
Neck pain/cervicalgia	60	8	88.3%	11.7%	0.0%
<b>Torso/Rib</b>					
Thoracic pain	23	9	91.3%	8.7%	0.0%
<b>Back</b>					
Low back pain	41	8	78.0%	22.0%	0.0%
<b>TOTALS</b>	<b>4646</b>	<b>9</b>	<b>90.4%</b>	<b>9.0%</b>	<b>0.6 %</b>

Cases with no impairment IE and DC for functional improvement not included

Outcomes above represent the following: Diagnostic Categories with more than 15 entries & cases in which ASTYM made up at least 50% of total treatments