

# ASTYM<sup>®</sup>

## Outcome Reports

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

- Age
- Chronicity
- Comorbidities
- Gender
- Industry Code
- Limitations on Visits
- Limitations Imposed By Whom
- Mechanism of Onset
- Other Therapy Received
- Patient Classification
- Pending Litigation
- Percentage of ASTYM Tx. Visits
- Prior Therapy Received
- Provider Employer Code
- Referral Source

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	Much Improved	Improved	Same	Worse	Much Worse
Minor trauma (sprains, sprains, etc)	720	7	63.5%	26.4%	9.4%	0.7%	0.0%
Major trauma (MVA, etc)	209	8	53.6%	33.0%	12.4%	1.0%	0.0%
Post surgical	279	8	54.1%	35.1%	10.4%	0.4%	0.0%
Repetitive stress (specific activity)	1395	9	55.5%	33.0%	10.7%	0.8%	0.0%
Insidious onset (no specific activity)	1260	9	61.9%	26.3%	11.2%	0.6%	0.0%
Degenerative (joint)	61	8	41.0%	47.5%	11.5%	0.0%	0.0%
<b>TOTALS</b>	<b>3924</b>	<b>8</b>	<b>58.6%</b>	<b>30.0%</b>	<b>10.7%</b>	<b>0.7%</b>	<b>0.0%</b>

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

### Pain Ratings Displayed by Chronicity

By Chronicity	Total Cases	Avg # of ASTYM Tx	Excellent	Good	Fair	Poor
Acute (0-14 days)	155	6	84.5%	10.3%	3.2%	1.9%
Subacute (15 days to 12 weeks)	1193	8	72.5%	17.4%	5.6%	4.4%
Chronic long term (> 12 weeks)	2658	9	65.8%	21.0%	8.1%	5.2%
<b>TOTALS</b>	<b>4006</b>	<b>8</b>	<b>68.5%</b>	<b>19.5%</b>	<b>7.2%</b>	<b>4.8%</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	Very Satisfied	Satisfied	Neither	Unsatisfied	Very Unsatisfied
Recreationally active	1384	8	57.7%	29.3%	10.5%	2.3%	0.2%
Sedentary	513	8	50.7%	30.2%	14.4%	4.7%	0.0%
Competitive athlete	330	7	68.5%	24.2%	6.1%	1.2%	0.0%
Recreational athlete	601	8	62.1%	30.3%	6.5%	1.0%	0.2%
Workers compensation	979	9	48.1%	33.3%	15.4%	3.2%	0.0%
Non-workers compensation	199	8	56.8%	32.7%	9.5%	1.0%	0.0%
<b>TOTALS</b>	<b>4006</b>	<b>8</b>	<b>55.9%</b>	<b>30.3%</b>	<b>11.2%</b>	<b>2.5%</b>	<b>0.1%</b>

# ASTYM® Outcome Report

## Functional Improvement in Work/Sport/Activity

All Diagnostic Categories	Total Cases	Avg # of ASTYM Tx	Much Improved	Improved	Same	Worse	Much Worse
<b>Shoulder Girdle</b>							
Biceps tendinitis	22	7	68.2%	13.6%	13.6%	4.5%	0.0%
Impingement/tendinitis of rotator cuff	86	8	61.6%	30.2%	7.0%	1.2%	0.0%
Scapular dysfunction	20	7	70.0%	20.0%	10.0%	0.0%	0.0%
Shoulder pain	41	7	56.1%	26.8%	17.1%	0.0%	0.0%
<b>Elbow/Forearm</b>							
Elbow pain	32	8	46.9%	40.6%	12.5%	0.0%	0.0%
Lateral epicondylitis	693	9	58.2%	30.0%	11.4%	0.4%	0.0%
Lateral epicondylitis + carpal tunnel syndrome	27	9	66.7%	22.2%	11.1%	0.0%	0.0%
Lateral epicondylitis + medial epicondylitis	74	10	50.0%	31.1%	17.6%	1.4%	0.0%
Medial epicondylitis	107	9	62.6%	30.8%	5.6%	0.9%	0.0%
Other tendinitis of forearm (sprain/strain forearm)	56	8	60.7%	30.4%	8.9%	0.0%	0.0%
<b>Hand &amp; Wrist</b>							
Carpal tunnel syndrome	172	9	51.2%	32.0%	16.3%	0.6%	0.0%
DeQuervain's	80	8	56.3%	22.5%	20.0%	1.3%	0.0%
Post-surgical carpal tunnel release	17	8	41.2%	29.4%	17.6%	11.8%	0.0%
Sprain-wrist	42	7	59.5%	33.3%	7.1%	0.0%	0.0%
Trigger finger	32	8	37.5%	37.5%	25.0%	0.0%	0.0%
<b>Other Upper Extremity Diagnoses</b>							
Scar management upper extremity-surgical or traumatic	14	10	57.1%	35.7%	7.1%	0.0%	0.0%
2 or more diagnoses from elbow to fingers	64	10	57.8%	28.1%	9.4%	4.7%	0.0%
Proximal and distal upper extremity pathologies	25	9	44.0%	36.0%	12.0%	8.0%	0.0%
<b>Hip &amp; Groin</b>							
Groin sprain/strain	28	6	71.4%	21.4%	7.1%	0.0%	0.0%
Hip pain	29	8	75.9%	20.7%	3.4%	0.0%	0.0%
IT band syndrome/TFL	33	7	69.7%	21.2%	9.1%	0.0%	0.0%
Piriformis syndrome	21	6	61.9%	19.0%	19.0%	0.0%	0.0%
Trochanteric bursitis	65	8	50.8%	46.2%	3.1%	0.0%	0.0%
<b>Knee</b>							
Hamstring strain	107	8	76.6%	18.7%	4.7%	0.0%	0.0%
IT band syndrome	33	7	69.7%	24.2%	6.1%	0.0%	0.0%
Knee pain	53	7	60.4%	28.3%	11.3%	0.0%	0.0%
Patellar tendinitis	58	8	65.5%	24.1%	10.3%	0.0%	0.0%
Patellofemoral pain, patellar instability, plica syndrome	60	7	50.0%	33.3%	16.7%	0.0%	0.0%
Post-surgical ACL/PCL reconstruction	13	8	61.5%	30.8%	7.7%	0.0%	0.0%
Post-surgical arthroscopy	20	10	50.0%	45.0%	5.0%	0.0%	0.0%
Post-surgical total knee arthroplasty	18	10	38.9%	55.6%	5.6%	0.0%	0.0%
Quad strain	20	6	65.0%	25.0%	5.0%	5.0%	0.0%
<b>Shin, Ankle &amp; Foot</b>							
Achilles tendinitis	157	9	72.6%	19.7%	7.0%	0.6%	0.0%
Ankle/foot pain	58	9	55.2%	36.2%	8.6%	0.0%	0.0%
Calf strain	34	7	73.5%	14.7%	11.8%	0.0%	0.0%
Plantar fasciitis-heel pain	557	9	62.7%	28.2%	8.4%	0.7%	0.0%
Shin splints-tendinitis of tibialis anterior, tibialis posterior, peroneal tendinitis	44	9	65.9%	29.5%	4.5%	0.0%	0.0%
Sprain-ankle	27	8	63.0%	37.0%	0.0%	0.0%	0.0%
<b>Other Lower Extremity Diagnoses</b>							
Scar management lower extremity-surgical or traumatic	22	9	45.5%	40.9%	13.6%	0.0%	0.0%
<b>Head &amp; Neck</b>							
Cervical sprain/strain	14	7	57.1%	21.4%	21.4%	0.0%	0.0%
Neck pain/cervicalgia	42	9	57.1%	31.0%	11.9%	0.0%	0.0%
<b>Torso/Rib</b>							
Thoracic pain	20	9	60.0%	30.0%	10.0%	0.0%	0.0%
<b>Back</b>							
Low back pain	27	7	48.1%	33.3%	18.5%	0.0%	0.0%
<b>TOTALS</b>	<b>3164</b>	<b>9</b>	<b>60.0%</b>	<b>28.9%</b>	<b>10.4%</b>	<b>0.7%</b>	<b>0.0%</b>

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

Outcomes above represent the following: ♦ Diagnostic Categories with more than 12 entries  
 ♦ Cases in which ASTYM treatments make up at least 50% of total treatments