



Automate. Aggregate. Analyze.
Hands-Free Patient Reported Outcomes Collection

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SurgiSurvey is cloud-based, automated software that collects and analyzes post-operative patient reported outcome measures. The primary advantages of SurgiSurvey over competitors are:

- No surgeon or staff involvement in data collection
- No software or hardware installation required
- Works with *any* medical record system (including paper records)
- 3-minute patient enrollment
- Real-time access to all data (raw and analyzed)
- Live published outcomes and charts to your practice website
- Costs 90% less than competitors
- Facilitates case collection for board certification
- Improves online physician ratings (HealthGrades, Yelp, Google)
- Participates in a national prospective registry
- Compares personal outcomes within and outside your practice
- HIPAA compliant
- MIPS compliant for Medicare reporting

Standard features start at \$100/month per surgeon.

SurgiSurvey began as my fellowship research project to validate the value and simplicity of automated data collection. The success of a pilot study attracted interest from three regional orthopedic practices. In the following two years the product was enhanced and modified to meet the needs of most orthopedic practices. Since 2015, SurgiSurvey has been offered to a select group of surgeons as a patient data collection and practice marketing tool. As of March 2018 I have over 20 surgeons participating and 2,000+ patients enrolled.

I look forward to bringing your practice on board.

Orrin Franko, MD
Founder and CEO
SurgiSurvey, LLC



A. What does it do?

SurgiSurvey tracks your patients' recovery post-operatively by emailing them validated outcomes surveys at pre-designated time points. Responses are then aggregated and analyzed in real-time, providing up-to-the-minute outcomes data for your patients. Data collection and analysis is 100% automated, requiring no surgeon or staff management.

B. What kind of data can I collect?

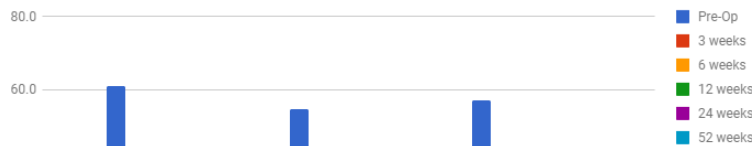
It's entirely up to you and the system can be customized to meet your practice needs. However, through experience we have found that shorter surveys at standardized time-points work best. For that reason, we currently recommend surveys less than 15 questions.

Validated Surveys	Recommended Post-Op Collection Points
QuickDASH	Enrollment email 3-weeks 6-weeks 12-weeks Optional: Request online physician review (12-16 weeks) 24-weeks 52-weeks

C. How is the data presented?

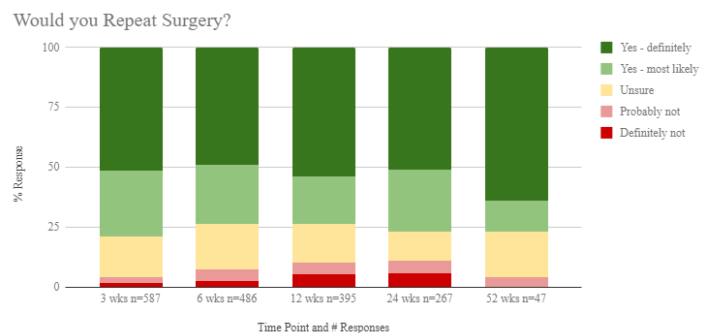
You have full control over raw data, as well as the ability to create charts and figures. We will help you create the most popular figures from your data. The following are a few examples:

Patient Disability (QDASH) Score



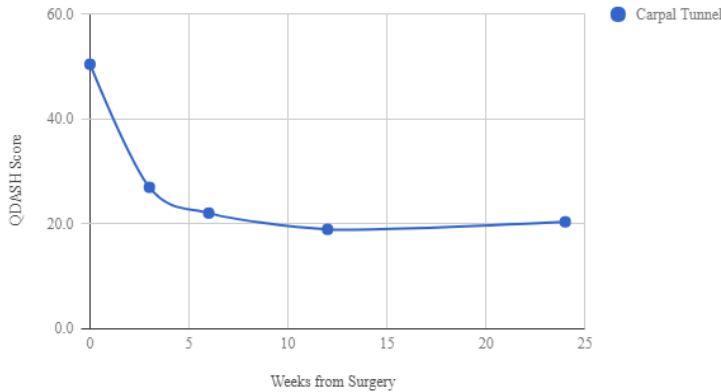
Patient recovery over time
Shown as a comparison among surgeons within the same practice.

Repeat Surgery Data
Asking patients if they would repeat the same procedure at each given recovery point.





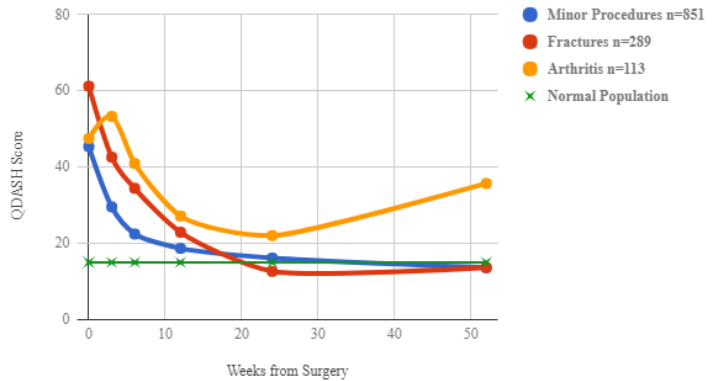
Recovery Trajectory by Diagnosis



Recovery Trajectory Curves

Combined Diagnosis Recovery Curves

Outcomes by Diagnosis over Time



24/7 Access to Raw Data

B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y				
Diagnosis	0w	3w	6w	12w	24w	52w	Q	0w	3w	6w	12w	24w	52w	P	Empl	3w	6w	12w	24w	52w	3w	6w	12w	24w	52w	R	
Joint disorders	56.8							8.0						Yes													
Tendon laceration	15.9							2.0						Yes													
ORIF/CRPP Fractured Wrist (Radius/Ulnar/Scapula)	75.0	81.8	45.5	13.6				5.0	7.0	4.0	1.0			Yes	Yes - \	Yes - \	Yes - with restriction	Yes - r	Yes - r	Yes - definitely							
1st Dorsal Compartment Release (DeQuervain)	9.1		34.1					2.0		3.0				Yes	No - currently employed						Probably not						
ORIF/CRPP Fractured Wrist (Radius/Ulnar/Scapula)	77.3							4.0						No													
ORIF/CRPP Fractured Finger (Metacarpal/Phalanx)	70.5		77.3	68.2	45.5	27.3		3.0	7.0	7.0	5.0	2.0		Yes	Yes - f	Yes - f	Yes - f	Yes - full duty	Yes - c	Yes - c	Yes - c	Yes - most lik					
1st Dorsal Compartment Release (DeQuervain)	20.5							3.0						Yes													
1st Dorsal Compartment Release (DeQuervain)	29.5							7.0						Yes													
Traumatic radial collateral ligament rupture	77.3	50.0		38.6				5.0	3.0		5.0			No	No - not currently employed	No - not currently employed	en	Yes - definite	Yes - definite	Yes - definitely							
1st Dorsal Compartment Release (DeQuervain)	63.6		63.6					5.0		10.0				Yes	No - not currently employed						Yes - definitely						
Carpal Tunnel Release	45.5							4.0						No													
left index finger nerve repair	29.5	52.3	40.9	29.5	11.4			3.0	2.0	3.0	4.0	2.0		Yes	Yes - \	Yes - \	Yes - \	Yes - full duty	Unsur	Unsur	Yes - r	Yes - most lik					
Carpal Tunnel Release	72.7	22.7	13.6	38.6	45.5			8.0	4.0	1.0	2.0	6.0		No	No - c	No - c	Yes - f	Yes - full duty	Yes - c	Yes - r	Yes - r	Yes - definite					
Benign neoplasm	6.8							2.0						No													
Swan Deformity	31.8							6.0						No													
Carpal Tunnel Release, SMUNT / Ulnar Nerve	50.0							5.0						No													
Carpal Tunnel Release	40.9	20.5	6.8	0.0	2.3			2.0	2.0	1.0	0.0	1.0		Yes	No - c	No - c	Yes - f	Yes - full duty	Yes - r	Yes - c	Yes - c	Yes - definite					

D. How involved is the setup / startup?

Most surgeons and practices utilize our existing protocols and surveys which makes on-boarding new practices simple. We ask you for basic information about your surgeons, where you practice, and the questions you would like included in your surveys. Once we have that information, the automation protocol can be created within 2 weeks and enrollment can begin immediately. There is no hardware or software installation required.



E. How are patients enrolled?

Enrollment in the system takes 3-5 minutes and is best performed prior to or on the day of surgery by a pre-op nurse or medical assistant. In most cases, this occurs at the bedside with a mobile computer or tablet device (iPad or Android). Enrollment occurs through an online web portal and includes the collection of patient consent and email addresses.

F. What if patients choose not to enroll?

All patients are informed about the purpose of the software and can choose not to enroll. Our validation study suggests that over 80% of patients choose to enroll and participate in the system.

G. Is there a limit to the number of patients that can participate?

No. Our pricing is based on the number of surgeons utilizing the system. The number of patients per surgeon is unlimited.

Prices (updated March 2018)

Initiation Cost for Existing Protocols (QDASH)	\$500
Annual Cost, single surgeon	\$1,200
Annual Cost, +1 surgeon (2-4 total)	\$800
Annual Cost, +1 surgeon (5-10 total)	\$600
Add-ons (optional):	
Online Review Requests	\$500/link (annual)
Pre-Enrollment by Office Staff	\$500/protocol (annual)
Customized surveys	Variable

How do I sign up?

Setting up SurgiSurvey in your practice requires only 3 simple steps:

- 1) Contact us at hello@surgisurvey.com notifying us of your desire
- 2) Complete the on-boarding packet by answering a few questions (10 minutes)
- 3) Determine how/when/where you will be enrolling patients
 - a. We strongly suggest pre-op enrollment on the day of surgery by a pre-op nurse
 - b. Enrollment can be via desktop computer, laptop, or mobile tablet

Once all information is approved and your invoice paid, the system will be live within 4 weeks.

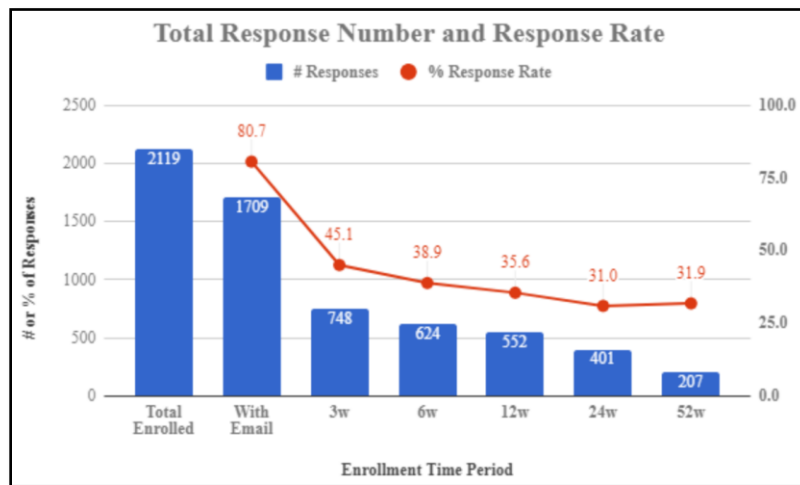


Data

SurgiSurvey has been used by 7 practices and 20 surgeons. Over 3,000 patients have participated, resulting in robust outcomes data and valuable analytics. The following is representative of the entire database.

Response rates:

- >80% of patients have email addresses and choose to participate
- 45% of patients complete a survey at 3 weeks and 39% complete one at 6 weeks
- At 52 weeks, 32% of patients complete the survey
- 58% of participating patients complete a follow-up survey, 16% complete all five



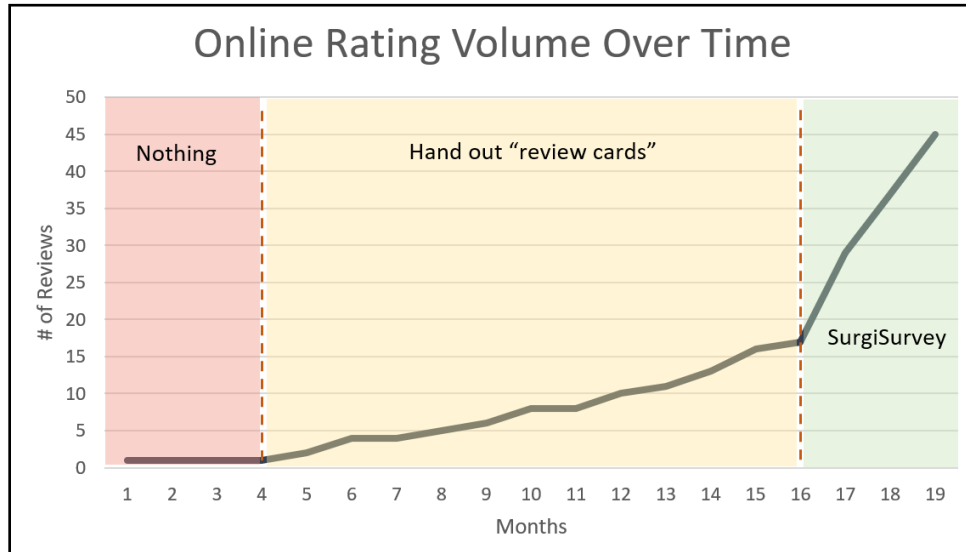
Patient / Staff Satisfaction

- >90% of patients are *satisfied* or *very satisfied* with email reporting
- >90% of patients prefer email surveys to traditional paper/pen forms
- Pre-operative enrollment nurses require less than 3 minutes to enroll patients
- There were no measurable delays in operative start times as a result of the system

Satisfaction with Email Surveys	Response Rate (%)				
	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied
Convenience	0	0	12	17	63
Clarity	0	0	10	27	59
Flexibility	0	0	5	18	75
Reminders	0	2	10	20	61
Email as Compared to Paper Surveys	Much Worse	Worse	Same	Better	Much Better
Convenience	2	0	10	22	63
Time Completion	2	0	10	24	59
Personal Preference	2	0	7	20	66
Would you Choose Electronic over Paper?	Definitely Pencil/Paper	Likely Pencil/Paper	Not Sure	Likely Email	Definitely Email
Yes	0	2	5	24	68

Online Physician Ratings

- Integration of the online ratings increased rating volume dramatically
- 7.3x increase in rating volume compared to handing out “review cards” in the office
- 126x increase in rating volume compared to doing nothing



Post-Operative Outcomes

- Compare individual surgeon outcomes data to other surgeons or national averages
- Live publication of quality data to the web
- Educate patients on recovery estimates with real-time data

