

# COVID-19 SURGICAL VOLUME IMPACT SURVEY

## TOPLINE SUMMARY OF RESULTS

### BACKGROUND AND PURPOSE

**IN AN EFFORT TO UNDERSTAND HOW THE EMERGENCE OF COVID-19 HAS IMPACTED ORTHOPAEDIC SURGEONS, AAOS HAS CONDUCTED SEVERAL DIFFERENT SURVEYS.**

With the COVID-19 Surgical Volume Impact Survey, the Academy explored how the emergence of COVID-19 has impacted the overall musculoskeletal health system.

Results will be used by the AAOS to support our members as they return to elective surgery and increase procedure volumes as safely and quickly as possible.

### METHODOLOGY



A large-scale, online survey administered by the AAOS Market Research Team



U.S.-based members (all 50 states and District of Columbia)



Respondents in AAOS member categories of Candidate, Fellow, Emeritus and those in postgraduate Fellowship



May 11 survey launch with reminders on May 18 and May 22



1,523 completed surveys at close on May 26



Overall response rate of 6% (1,523 / 25,279 delivered)

### RESPONDENT PROFILE

#### RESPONDENTS BY SPECIALTY



### RESUMPTION OF ELECTIVE SURGERY

**55%**

OF SURGEONS BELIEVED SURGERY WOULD RESUME BY MID-MAY AND NEARLY ALL BY MID-JUNE

#### KEYS TO DETERMINING WHEN ELECTIVE PROCEDURES RESUME

**44%**

EXISTING COVID-19 INFECTION RATES

**41%**

ABILITY TO PRE-OPERATIVELY TEST EVERY PATIENT FOR COVID-19

### HOW SURGEONS EXPECT FACILITIES TO RAMP UP



**SOMEWHAT CAUTIOUS APPROACH AND STEADY BUILDUP**



#### FACTORS DRIVING RATE OF RAMP UP

40% Patient motivation  
38% Pre-operative testing

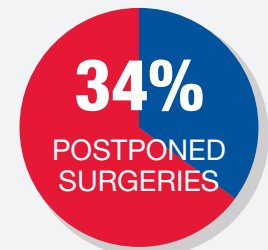


#### FIRST PROCEDURES TO RAMP UP

57% Sports  
50% Knee  
47% Hand & Wrist

### PATIENT POSTPONEMENT OF SURGERY

On average a third (34%) of patients have postponed surgeries by more than **3 months**



### SURGEON'S VIEW OF PATIENT SENTIMENT ON COVID-19

HOSPITALS "UNCLEAN OR NOT SAFE"

**83%**

Somewhat Agree 47%  
Strongly Agree 36%

SECOND WAVE FEARS

**74%**

Somewhat Agree 54%  
Strongly Agree 20%

PATIENTS DESIRE TO ALLEVIATE PAIN

**73%**

Somewhat Agree 52%  
Strongly Agree 21%

### FACILITIES BACK TO PRE-COVID-19 LEVELS

Surgeons feel their facility will be back to pre-COVID-19 levels of surgery in about 11 weeks



### AFTER RESUMPTION, NUMBER OF MONTHS TO REGAIN 90% OF PRE-COVID SURGICAL VOLUME

5 MONTHS

**70%**

4 MONTHS

**58%**

3 MONTHS

**42%**

2 MONTHS

**19%**

1 MONTH

**7%**

### IMPACT ON INTERACTION WITH INDUSTRY SALES REPS

HALF EXPECT NO IMPACT

**49%**

A QUARTER WANT ANTIBODY TESTING FOR REPS

**27%**

A QUARTER RECOMMEND REPS BRING THEIR OWN PPE

**27%**