

Signant SmartSignals® Solutions for Osteoarthritis

# IMPROVING OSTEOARTHRITIS CLINICAL TRIALS **ONE ENDPOINT AT A TIME**

Despite being the most common form of joint disease, there remains an unmet need for safe and effective osteoarthritis therapies to treat symptoms and inhibit disease progression. Signant Health improves opportunities for OA study success by applying clinical research technologies and scientific expertise in this therapeutic area to help researchers address the most common challenges.

## MITIGATE PLACEBO RESPONSE

Site staff and investigators can unknowingly impact how patients respond to subjective patient-reported outcome assessments. Signant's expert clinical science and medicine team trains site staff to eliminate these interactions as factors in placebo response. This helps study teams better distinguish between placebo and active treatment response.

## ACCELERATE OA STUDY STARTUP

Accelerate the study startup process by enrolling, randomizing, and obtaining informed consent faster using SmartSignals RTSM and eConsent solutions. Both are designed for rapid deployment and simplified protocol amendment implementation.

## OPTIMIZE ENDPOINT RELIABILITY

SmartSignals eCOA includes electronic versions of WOMAC, KOOS, and other common PROMs used in OA studies. ePROs have been proven to increase data accuracy compared to pencil and paper administration, and they also help OA patients complete assessments more comfortably. Sites have access to near real time data as well as assurances that PROs are completed correctly, completely, and on time.

## GAIN ADDITIONAL PATIENT FUNCTION INSIGHTS

Sleep quality and activity measures provide relevant, objective insights into OA patient function and quality of life. Layer ActiGraph into your eCOA strategy to automatically collect sleep and activity data, with no additional burden on patients or sites. Data can be viewed together with COA data for a more complete assessment of patient function.

## COMBINE SOLUTIONS FOR AN END-TO-END DIGITIZED STUDY

Each solution and service within our SmartSignals evidence generation platform can be used independently for site-based or remote studies, but when combined, they create a digital ecosystem for creating and managing accurate, regulatory-compliant clinical data.

Signant Health can apply decades of direct clinical experience, deep therapeutic-area expertise, and innovative clinical trial technologies within our SmartSignals platform to help researchers detect signal while increasing the quality and reliability of OA endpoint data.

# SIGNANT'S OSTEOARTHRITIS EXPERIENCE BY THE NUMBERS



**II - III**  
PHASES



**25**  
TRIALS



**3.4k**  
SITES



**36k**  
PATIENTS



**28**  
COUNTRIES



**33**  
LANGUAGES

## DRIVE BETTER RESEARCH OUTCOMES WITH SIGNANT SMARTSIGNALS SOLUTIONS

These solutions can be used individually or integrated together for a seamless, end-to-end digital experience.



eCOA

[LEARN MORE →](#)



RTSM

[LEARN MORE →](#)



SCIENTIFIC  
ADVISORY

[LEARN MORE →](#)



eCONSENT

[LEARN MORE →](#)



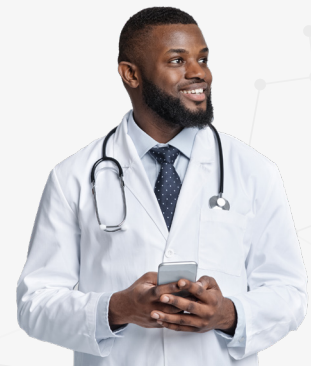
SENSORS &  
WEARABLES

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## DISCUSS YOUR NEXT STUDY WITH US

Our global team of therapeutic area experts advise on all areas of the clinical development process, including:

- Clinical science and medicine
- Data analysis
- Regulatory
- Operations and trial administration
- Global logistics



[MEET THE EXPERTS →](#)