

A DEEP DIVE INTO THE PINC AI™ HEALTHCARE DATABASE

Today, life science companies and healthcare organizations are using data to extract insights that can help advance health equity, improve research studies and clinical trials, discover new treatments, and accelerate drug development. As a result, the need for real-world data (RWD) and real-world evidence (RWE) is increasing.

The PINC AI™ Healthcare Database (PHD) provides a unique opportunity to use real-world data to conduct evidence-based and population-based analyses, with the goal to improve the future of healthcare.

WHAT IS PINC AI™ APPLIED SCIENCES?

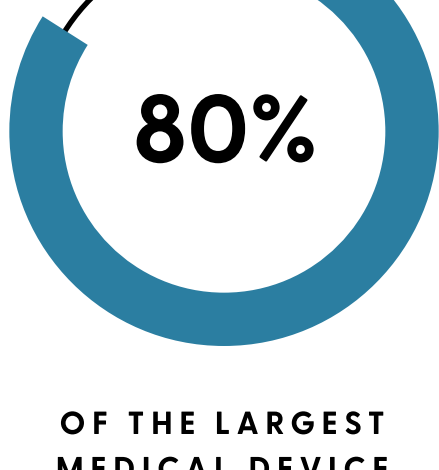


PINC AI™ Applied Sciences (PAS) is the life sciences division within Premier Inc. that partners with **4,400 health systems and hospitals** in the U.S. to accelerate healthcare improvement through data, research and scalable solutions.

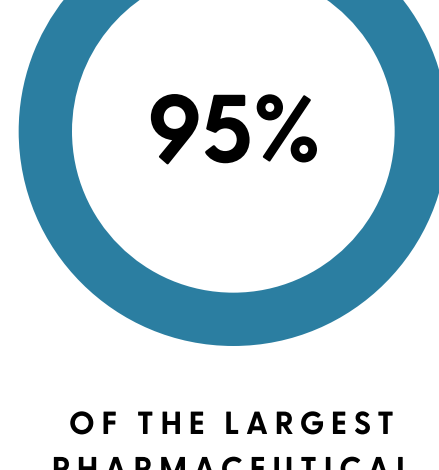
WHO WORKS WITH PINC AI™ APPLIED SCIENCES?



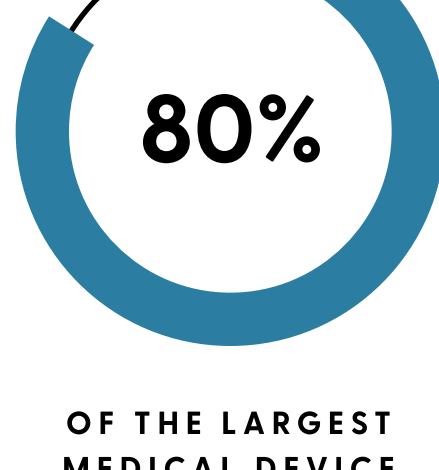
OF THE LARGEST
PHARMACEUTICAL
COMPANIES IN THE
U.S.¹



OF THE LARGEST
MEDICAL DEVICE
COMPANIES²

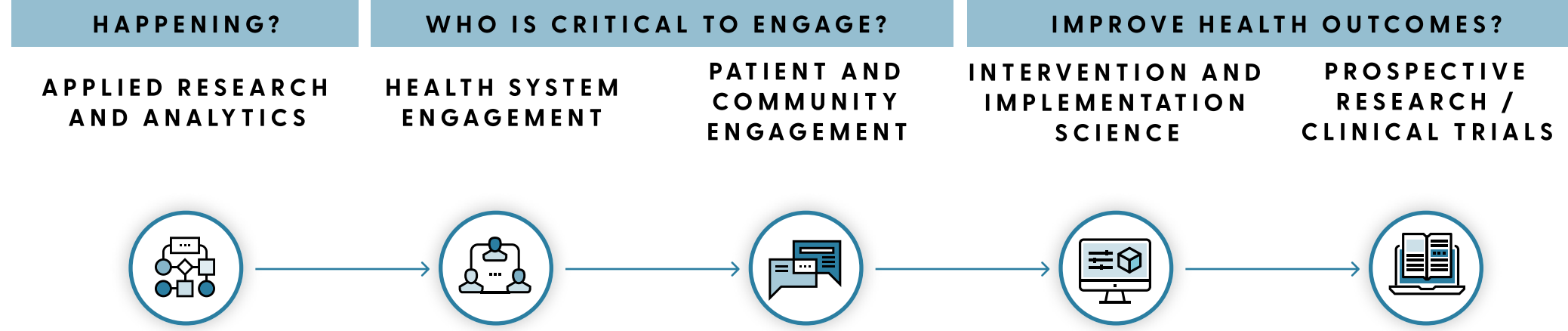


OF THE LARGEST
PHARMACEUTICAL
COMPANIES³



OF THE LARGEST
MEDICAL DEVICE
COMPANIES⁴

HOW CAN YOU ENGAGE WITH PINC AI™ APPLIED SCIENCES?



THE PINC AI™ APPLIED SCIENCES TEAM:

90+

PROFESSIONALS

20

CLINICIANS,
INCLUDING RNS, MDS
AND PHARMACISTS

62%

OF STAFF HOLD
GRADUATE DEGREES

64

SUBJECT MATTER EXPERTS

76

COMBINED
PROFESSIONAL
CERTIFICATIONS,
INCLUDING SIX
SIGMA, PMP AND
CITI PROGRAM

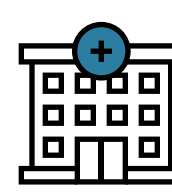
THE DATA

'00 '05 '10 '20
**20+ YEARS OF
DATA COLLECTION**



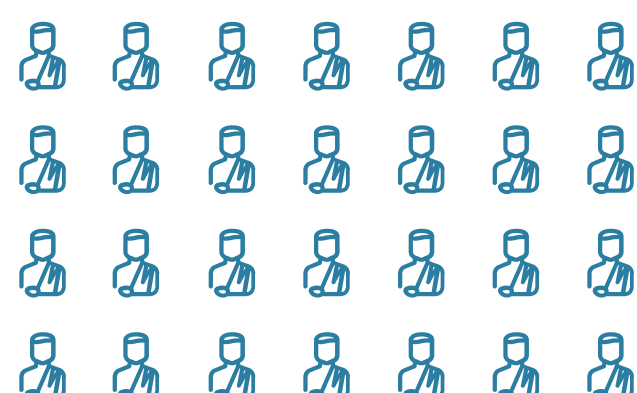
**~279 MILLION
UNIQUE PATIENTS**

**REPRESENTING
25% OF INPATIENT
U.S. DISCHARGES**



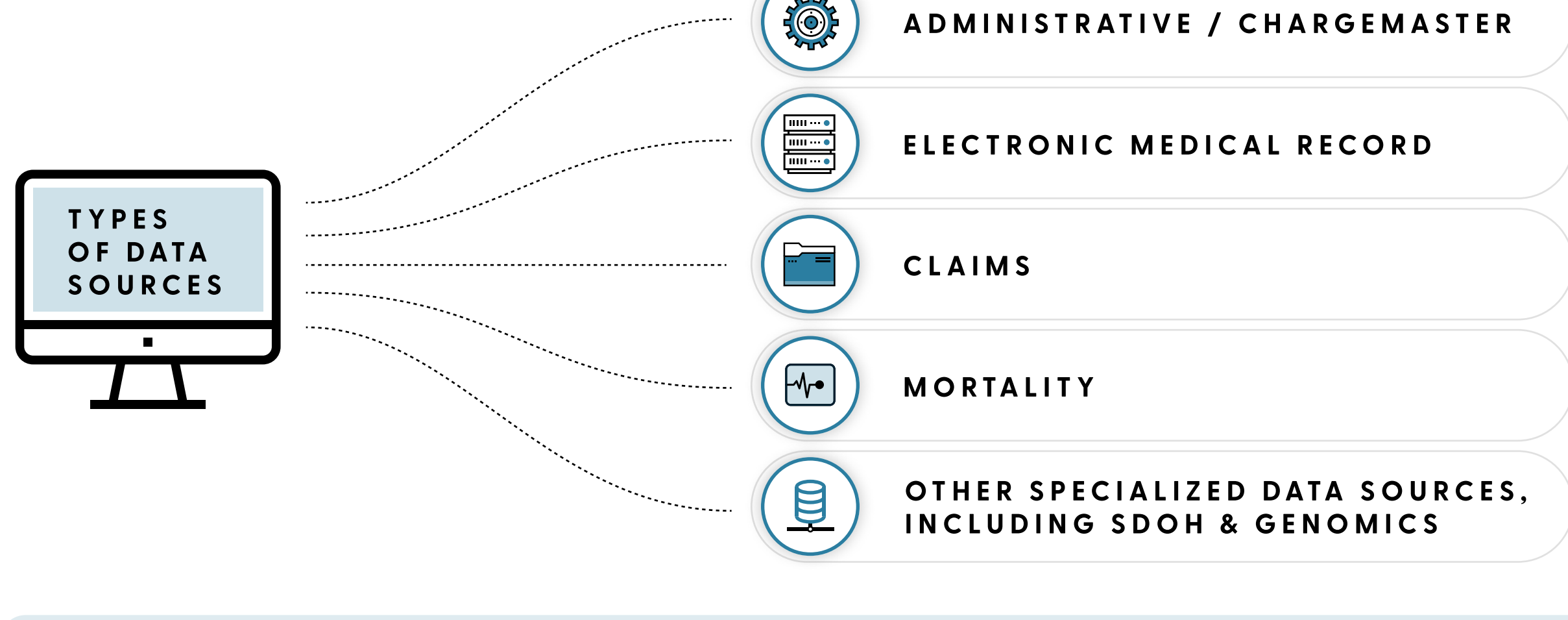
**130+
MILLION
OUTPATIENT
VISITS**

1.3 BILLION ENCOUNTERS



LARGEST CHARGEMASTER DATABASE IN THE U.S.

WHAT DATA MAKES UP THE PHD?



PRODUCT SUPPLY DATABASE

One of the most comprehensive operating room databases of SKU-level data and timestamps linked to outcomes. Our unique combination of data provides insights into surgical outcomes with precise clarity of device manufacturer items utilized.

**MORE THAN
200**

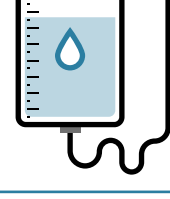


CONTRIBUTING
FACILITIES

**900,000+
INPATIENT
PROCEDURES**

'20 '21 '22 '23
**3+ YEARS OF
DATA COLLECTION**

**680,000+
INPATIENTS**



**~1.5M
OUTPATIENTS**

**NEARLY
2.8 MILLION
UNIQUE ENCOUNTERS**

**900,000+
UNIQUE CATALOG
NUMBERS**

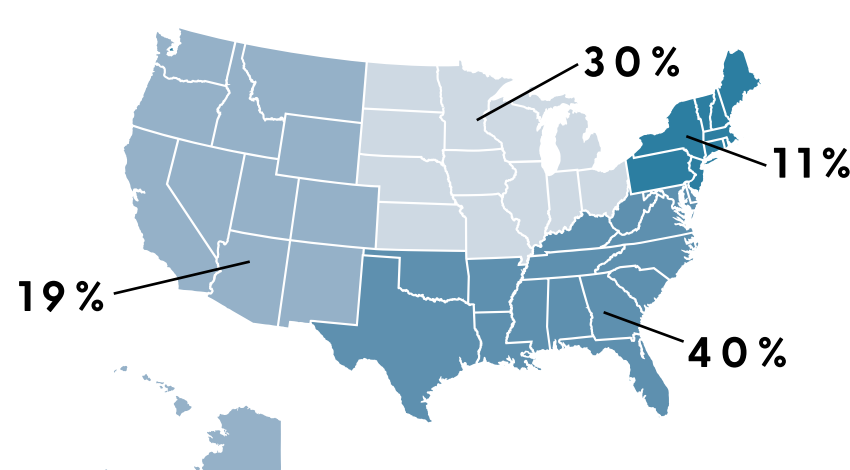
MOTHER-BABY DATASET

Providing insights into the mother-baby relationship to generate real-world, evidence-based and population-based analyses and, when combined with our PINC AI™ claims-linked dataset, expands visibility into the entire pregnancy journey, from prenatal to postpartum.

**MORE THAN
450**



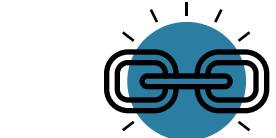
FACILITIES



'17 '18 '19 '20 '21 '22 '23
**5+ YEARS OF
DATA COLLECTION**

**~1.9
MILLION
MOTHERS**

**~2.1
MILLION
INFANTS**



**CAN BE LINKED
TO CLAIMS DATA
25% OVERLAP**

**~680,000
MOTHERS
& INFANTS**

THE MARKET INSIGHTS DIFFERENCE

QUICK AND EASY
ACCESS TO CUSTOM
DASHBOARDS TO VIEW
SPEND, QUANTITIES
AND TRENDS OVER
TIME AT THE 3-DIGIT
ZIP CODE LEVEL.

**RELY ON DATA FROM
25% OF ALL HOSPITALS
IN THE U.S.**

**IDENTIFY MARKET TRENDS WITH
\$89B+ IN ANNUAL SPEND
REPRESENTED**

**COMPARE PRICING AND
UNITS PURCHASED FROM
1.7M+ SKUs**

**GATHER FACILITY-LEVEL
INSIGHTS MAPPED TO
3-DIGIT ZIP CODE**

POTENTIAL USES OF THE PINC AI™ HEALTHCARE DATABASE TO UNDERSTAND PAST AND CURRENT CARE

BURDEN OF ILLNESS



COMPARATIVE EFFECTIVENESS

OUTCOMES RESEARCH



HEALTH ECONOMICS RESEARCH

**RISK ASSESSMENT
& PREDICTIVE MODELING**



MARKET TRENDING

MARKET ANALYSIS



DATA EXTRACTS/LICENSES

IMPACTING CLINICAL TRIALS

80% of clinical trials fail to meet the trial timelines¹ and the cost of trial delays for sponsors range from \$600K-\$8M per day². After taking over as CRO, PAS:

**IMPROVED SITE
RECRUITMENT BY
1800%
PREMIER SITES WERE
THE TOP RECRUITERS**

ENROLLED 3X
EXPECTED PATIENT VOLUMES,
CUTTING ACTIVE STUDY TIME
IN HALF

**LEVERAGED DATA AND
RELATIONSHIPS TO ENROLL
50% MORE SITES
THAN REQUIRED,
ALLOWING SHORTER STUDY
LENGTH AND COST SAVINGS**

THE PUBLICATIONS DATABASE

1,000+

PREMIER PUBLICATIONS
APPEAR IN 264 SCHOLARLY,
PEER-REVIEWED JOURNALS,
INCLUDING JAMA®,
AMERICAN JOURNAL OF
CARDIOLOGY® AND JHEOR®

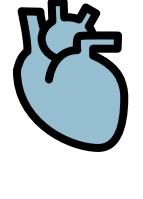
808

PAPERS
PUBLISHED
USING PINC AI™
HEALTHCARE
DATA³

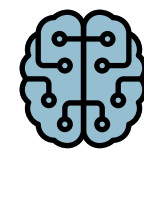
THERE HAVE BEEN

196

PREMIER-AUTHORED
PAPERS PUBLISHED
BETWEEN 2000 AND
MARCH 2022



The PAS team has completed ~150 prospective studies across various disease states like oncology, cardiometabolic, maternal and infant health, and brain and memory.



REAL-WORLD SUCCESS



In oncology, PAS partnered with AstraZeneca and Clinithink to use Clinithink's CLIX® NLP technology to identify patients with incidental pulmonary nodules (IPNs) to flag for intervention before potential lung cancer progression, resulting in **roughly 152,000 patients "identified" early.**

Clinithink CLIX Natural Language Processing (NLP) can read **2+ million records per hour** to identify trends and understand clinicians' free-text notes to help deploy evidence-based guidance at the point of care.

¹ BASED ON PINC AI™ APPLIED SCIENCES REVENUE FROM FY20 - FY21

² WWW.FIERCEPHARMA.COM/SPECIAL-REPORT/TOP-20-PHARMA-COMPANIES-BY-2020-REVENUE

³ BASED ON PINC AI™ APPLIED SCIENCES REVENUE IN FY21

⁴ WWW.PROCLINICAL.COM/BLOGS/2021-8/WHO-ARE-THE-TOP-10-MEDICAL-DEVICE-COMPANIES-IN-2021