

— FOR EMPLOYERS & INSURERS

# Migraine affects 14% of your workforce. Only 3% are being treated.

That treatment gap (11% of your employees in pain, unmanaged) is your largest invisible cost center. It shows up as absenteeism, presenteeism, ER visits, and failed CGRP prescriptions. Most of it is preventable.

14%

Workforce affected by migraine

3%

Currently receiving treatment

\$84K

Annual cost per 1,000 employees

Source: IBI

## 01 What 1,000 unmanaged migraine employees actually costs you

| COST CATEGORY  | ANNUAL BURDEN    |
|--|------------------|
| Lost productivity and absenteeism                    | \$4,000+         |
| ER visits and urgent care                            | \$3,200+         |
| CGRP biologics (Aimovig, Nurtec, Emgality)           | \$8,500+         |
| Short-term disability (38 lost workdays per episode) | \$10,400 / claim |
| Long-term disability if untreated                    | \$37,000 / yr    |

Sources: Integrated Benefits Institute (IBI) Employer Migraine Report; AJMC Migraine Impact Model. One in three migraine employees has comorbid obesity; one in five has mood disorders, anxiety, or hypertensive disease.

## 02 Why it has been ignored

Until recently, treatments were cheap and the pain was invisible. That calculus has changed: CGRP biologics now cost \$8,500+ per patient per year, disability claims for migraine are rising, and 37% of long-term migraine disability claims remain active after two years.

*Even though migraine is common, employers have not focused on it because the treatments have been relatively inexpensive. The productivity losses we found should help companies understand the real impact.*

— INTEGRATED BENEFITS INSTITUTE

## 04 Our approach

- 01 AI pattern detection.** Correlates labs, biosignatures, cycle data, and daily logs to map the specific layer combinations driving each employee's attacks.
- 02 Baseline testing guidance.** Employees walk into existing-plan-covered tests with the right ask, and "normal" results get interpreted in context.
- 03 Population-level insights.** Anonymized aggregate reporting on which intervention categories (hormonal, histamine, sleep, hydration) are most prevalent.

## NEXT STEP

Let's talk about your organization.

Schedule a meeting at [migrainedetective.ai/corporate](https://migrainedetective.ai/corporate) · [hello@migrainedetective.ai](mailto:hello@migrainedetective.ai)

## 03 A 490% ROI, already demonstrated

Novartis ran a structured migraine support program for 339 of its own employees in 2018, combining personalized pattern coaching with identification of hormonal, lifestyle, and metabolic drivers. Six-month results:

|                    |                         |                     |                      |
|--------------------|-------------------------|---------------------|----------------------|
| 54%                | 50%+                    | 10.8                | 490%                 |
| ↓ MIDAS disability | ↓ absent & presenteeism | recovered days / yr | return on investment |

Source: Lipton et al., J. Occupational and Environmental Medicine, 2020.

## 05 What you can expect

- 01 35-50%** reduction in migraine-related sick days
- 02 60%** reduction in ER visits for migraine
- 03** Quarterly anonymized population health reports
- 04** Integration with existing wellness programs

Migraine Detective provides educational pattern investigation tools. It does not diagnose, treat, or replace medical care.