After Trialing 7 Other IoT Solutions, Upperline Went From Concept to Testable POC in Just 9 Months With Blues Wireless
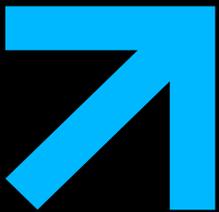
OVERVIEW

Upperline Health provides comprehensive diabetes and lower extremity care. Their wearable remote patient monitoring solution helps providers proactively treat diabetic foot ulcers (DFUs) in patients prior to issues becoming severe and difficult to treat.

29M
people have diabetes in US

25%
of diabetic patients develop a DFU

DFUs precede
85%+
of lower-extremity amputations

$176B
total direct medical costs

CHALLENGES

Diabetic patients often have difficulty monitoring their lower extremity health, which can result in ulcers or tissue damage going unnoticed until the patient's next medical appointment. If the wound is left untreated and becomes infected, the potential outcomes are more severe and could potentially result in amputation.

SOLUTION

Partnering with a product development firm, Ovyl, Upperline developed a custom orthotic insert for high-risk diabetic patients that tracks temperature data down to 1/10th of a degree (F) at seven places on the foot.
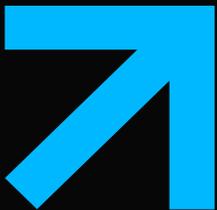
The device allows for remote monitoring, so patients and providers are alerted when there is an abnormal reading and potential issue.

> We tested more than six other solutions, discovered Blues, and progressed from concept to testable POC in nine months. Our patients can rest easy knowing that we're better positioned to monitor their conditions and intervene when necessary.

David Thorpe,
CEO, Upperline Health

RESULTS

By augmenting diabetic patient care with a wearable IoT device, Upperline has seen significant decreases in incidence rates, severity, and cost. This product will be a crucial part of delivering better care to patients, helping them achieve better outcomes, and reducing overall healthcare costs.

61%
lower incidence rate of DFUs than the national Medicare average

85%
reduction in amputation rate versus the national average

Wound care is 77%
less expensive than facility-based wound care

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