WESTMED
MEDICAL GROUP

AZUQUA

CASE STUDY

Westmed Improves Patient Cardiovascular Care By Using Azuqua to Automate Risk Scoring

> "Connectivity and APIs are just starting to take off in healthcare. It's great to be able to customize our EMR in this way. This solution may not have been possible without Azuqua."
>
> — Anne Garrity, *RN-Clinical Process Project Manager, Westmed*

When key information is added to a patient's Electronic Medical Record (EMR), Azuqua sends it to a heart disease risk calculator.

In 2013, the American Heart Association published new guidelines for calculating the risk of heart disease or stroke. It also recommended that all individuals between the ages of 40-79 be assessed on a regular basis. Unfortunately, adoption of these guidelines has been sporadic throughout the industry because modifying existing practitioner workflows to incorporate this new process can be challenging.

When evaluating its patient base, William Saint-Louis, Director of Information Systems at Westmed, found that only a small number of patients had the recommended atherosclerotic cardiovascular disease (ASCVD) risk score documented in their Electronic Medical Record (EMR) chart. Calculating this score required a series of onerous, manual steps, and the algorithm was complicated. To compensate, doctors that were doing the assessment found external websites that provided ASCVD risk calculators. They would copy and paste the relevant patient data into the calculator and

Key Benefits

Better Patient Interaction

By eliminating the need to manually calculate a cardiovascular risk score during an appointment, doctors can spend more time connecting with patients.
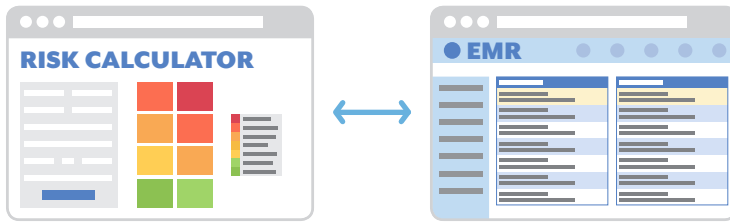
Improved Compliance

By automating the process, teams can easily and accurately assess compliance rates with the American Heart Association's guidelines and map those practices to patient outcomes in the future.

Automated Treatment

Moving forward, the team can work to create more automations that help guide doctors through recommended treatments based on the risk score results.

RISK CALCULATOR

● EMR

Once the calculation is complete, Azuqua returns the results to the EMR.

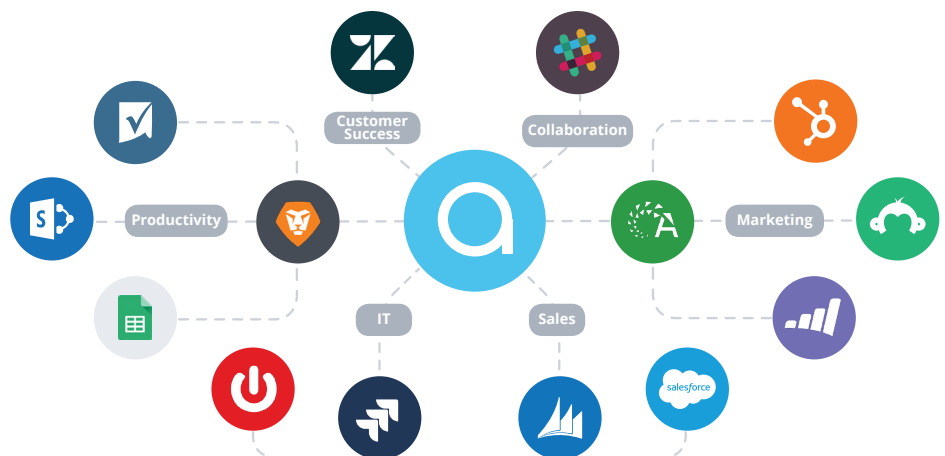then take the final results and input it back into the patient's EMR.

William and the RN-Clinical Process Project Manager, Anne Garrity, realized that they needed to eliminate this fractured and error-prone process. The team used Azuqua to create a custom connector for the group's EMR system and to build a microservice that contained the risk factor calculation algorithm. The two were then connected and the team worked with the clinical staff to automate a workflow that met the needs of the doctors. Once relevant fields were completed within a patient's

EMR, a doctor could click a button and the data would automatically flow to the risk calculator and then back, returning the final scoring to the EMR.

This automated workflow eliminated the need for doctors to independently calculate risk scores. Not only does this save time, but it allows doctors to better interact with patients. Furthermore, with all the data automated, staff can more easily assess compliance rates and better map patient outcomes. Moving forward, Westmed can create new automations that help with recommended treatment options and more.

Azuqua provides pre-built connectors to hundreds of SaaS apps, empowering you to build integrations tailored to your specific business needs.

Some of our top connectors include:

Customer Success

Collaboration

Productivity

Marketing

IT

Sales

About Azuqua

Azuqua helps people integrate and automate their key applications without code or specialized skills. What used to take months of development and big budgets can now be accomplished in days and for a fraction of the cost. With Azuqua's intuitive, powerful and reliable platform, anyone can connect their apps and automate their work.

To learn more, visit **azuqua.com** or send us an email at **connect@azuqua.com**.