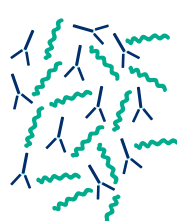
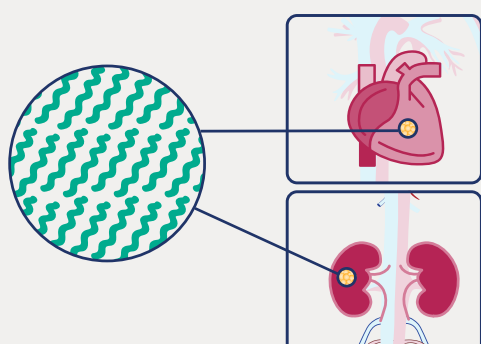
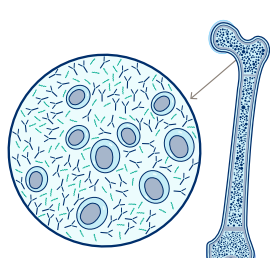


## WHAT IS AL AMYLOIDOSIS?



Amyloidosis is a **group of rare diseases** caused by **abnormal proteins that misfold and clump together to form toxic amyloids**, and deposit in tissues or organs.<sup>1</sup>

One type is amyloid light chain, or AL, amyloidosis **where proteins that function as antibodies, also known as immunoglobulins, are produced abnormally by defective plasma cells in the bone marrow.**<sup>1</sup>



Amyloid can buildup in many organs, particularly in the heart and kidneys, which can result in **significant organ damage and organ failure that can ultimately be fatal.**<sup>2</sup>

## SYMPTOMS MAY INCLUDE:<sup>3</sup>

- Swollen arms and legs
- Extreme shortness of breath
- Abnormal heartbeat
- Nausea
- Diarrhea
- Numbness or tingling in extremities
- Enlarged tongue
- Rash around eyes
- and many other **vague symptoms that mimic other diseases** that often complicate diagnosis.<sup>2</sup>

## HOW IS AL AMYLOIDOSIS DIAGNOSED?

Diagnosis of AL amyloidosis can be relatively straightforward, but is often delayed and can take **>6 months after symptoms begin.**<sup>4</sup>



Once suspected, **blood and urine tests are conducted first**, followed by a tissue biopsy to confirm amyloidosis.<sup>5</sup>



**Imaging of the impacted organs** can help determine the severity of the condition.<sup>5</sup>

## CARDIAC STAGING AND PROGNOSIS



Stage of disease and prognosis mainly depend on the **extent of cardiac involvement and are based on blood tests.**<sup>1</sup>

### Median Overall Survival:<sup>5\*</sup>



*\*Based on the 2013 European Modification of the 2004 Standard Mayo Clinic Staging*



Rapid, accurate diagnosis leading to initiation of treatment is essential to mitigate the impact of this disease on **survival and quality of life.**<sup>2</sup>

## WHAT ARE CURRENT TREATMENT NEEDS?



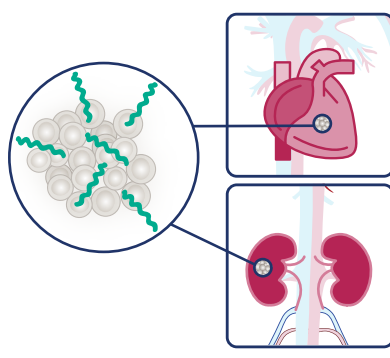
There are no approved treatments that address the significant organ damage caused by the disease. Current treatments, including **bone marrow transplantation and/or chemotherapy**, focus on preventing and/or suppressing the formation of new toxic amyloids.<sup>1</sup>

As a result, the disease and organ damage may continue to progress and ultimately lead to organ failure and death.<sup>1,6</sup>

## WHAT TREATMENT APPROACH IS BEING STUDIED BY ALEXION?



Alexion is advancing the **first potential treatment to address the devastating organ damage caused by AL amyloidosis.**



CAEL-101 is a novel, investigational, **first-in-class therapy** designed to recognize, bind to and remove existing amyloid deposits from organs and thereby improve and/or restore functionality of damaged organs, enhance quality of life and ultimately improve survival.

## CARDIAC AMYLOID REACHING FOR EXTENDED SURVIVAL (CARES) CLINICAL TRIAL PROGRAM IN AL AMYLOIDOSIS<sup>7,8</sup>

### TRIAL DESIGN



Two parallel, double-blind, randomized **Phase 3 studies** are being conducted to evaluate the efficacy and safety of CAEL-101 combined with current treatments for AL amyloidosis. These studies include patients who are newly diagnosed and have not yet started treatment.

### ENROLLMENT



**~260 patients** with Mayo stage IIIa disease

**~110 patients** with Mayo stage IIIb disease

**70+ study locations** across North America, the United Kingdom, Europe, Israel, Japan, and Australia



### PRIMARY ENDPOINTS



- Overall survival
- Safety and tolerability

### SECONDARY ENDPOINTS



- Improvement in the six-minute walk test
- Quality of life measures
- Improvement in cardiac function

CAEL-101 has received Orphan Drug Designation for the treatment of AL amyloidosis in the U.S. and EU

*CAEL-101 is not approved for the treatment of AL amyloidosis. The safety and efficacy of CAEL-101 for the treatment of AL amyloidosis is currently being studied.*

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