Untangling a Complex Web: Implementation of a Multidisciplinary Comprehensive Amyloidosis Clinic

Background

- Amyloidosis is the common term for several diseases that occur when an abnormal protein deposits in tissues or organs throughout the body causing malfunction of that tissue or organ.
- Amyloid most commonly affects the heart, kidneys, nervous system, connective tissue, and digestive system.
- Patients may receive one treatment or a combination thereof, depending on the amyloid type, location and progression.
- Given the complexity of amyloidosis and multiple organ involvement, multidisciplinary care is critical for treatment and symptom management of this systemic disease.

Methods

- At The Ohio State University’s Comprehensive Amyloidosis Clinic, we created a comprehensive multispecialty clinic that allows for a multidisciplinary approach to these challenging clinical conditions.
- Key factors to our successful clinic are multidisciplinary specialists, organized clinic structure, and research mission.
- Our core amyloidosis care team includes nurse managers, hematologists, cardiologists, neurologists, nephrologists, physical therapists, and research managers.
- Our clinic structure allows our patients to spend a morning with our team.
- At the end of their visit, patients leave with a basic science, translational medicine and imaging to improve our knowledge and care of amyloidosis patients.

Results

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Discussion

- Our CAC results in an excellent patient experience with multidisciplinary care and research engagement.
- Since the CAC’s inception in 2017, we have seen close to 100 patients.
- With increased local and national recognition, we now have 41% of referrals originating outside of hematology and 17% of referrals from outside of our institution.
- We have improved the time to diagnosis and initiation of treatment for amyloidosis patients, reducing disease progression and organ dysfunction.
- We have increased enrollment in registries, institutional clinical trials, and national clinical trials.

Clinical Implementation

The development of a multidisciplinary Comprehensive Amyloidosis Clinic can improve patients’ outcomes through early diagnosis, comprehensive management, and knowledge about the disease through clinical care and research.

Disclosures

Courtney M. Campbell – no financial disclosures