ONCOLOGY ELECTRONIC DISTRESS SCREENING: LIFE SPAN ANALYSIS

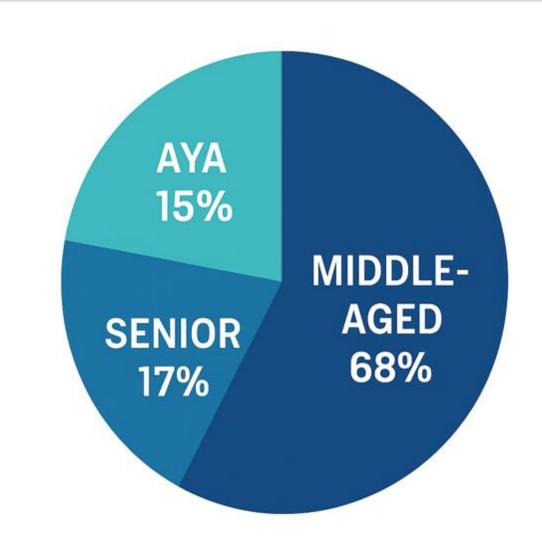**Sangita Paul, Beth York, & Declan Walsh**
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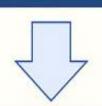**Atrium Health Levine Cancer**

INTRODUCTION

MAPPING DISTRESS ACROSS THE ONCOLOGY LIFESPAN

Early Detection · Support Intervention

Adolescents · Young Adults · Middle-aged · Older Adults

Equitable · Personalized Support

Pie chart:
- AYA 15%
- SENIOR 17%
- MIDDLE-AGED 68%
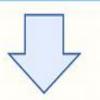
Among 22,456 unique patients screened

METHODS

Use Screening Tools
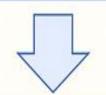- MST (Malnutrition)
- GAD-2 (Anxiety)
- PHQ-2 (Depression)

Collect EDS Scores
- Nov 2023-Oct 2024
- 41 cancer clinics

Categorize Age Groups
- AYAs: 18-39 years
- Middle: 40-74 years
- Seniors: 75+ years

Aggregate & Analyze Data
- Descriptive statistics
- Statistical significance at a 95% confidence level

RESULTS

% of Total Patients Scoring "At Risk"

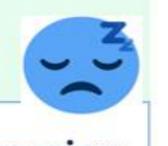|		AYA (15-39)	Middle (40-74)	Senior (75+)
Malnutrition	Male	24%	24%	25%
	Female	19%	19%	24%
	Combined	20%	21%	24%
Anxiety	Male	34%	29%	20%
	Female	43%	36%	30%
	Combined	41%	34%	26%
Depresssion	Male	28%	26%	22%
	Female	30%	28%	26%
	Combined	29%	27%	24%

Higher in Seniors
- Differences were significant between AYAs/Seniors and Middle-aged Seniors

Malnutrition

Higher in AYAs
- All age group differences were significant

Anxiety

Higher in AYAs
- All age group differences were significant

Depression

CONCLUSIONS

1 PROVIDE ENHANCED CARE BY AGE GROUPS
- Malnutrition risk increased across age groups

2 CONSIDER SUPPORT STRATEGIES BY GENDER
- Anxiety was higher in females in every age group

3 OFFER PRIORITIZED, TAILORED CARE
- AYA females may benefit from coping strategies before dietary assistance

PRIORITIZED NUTRITIONAL ASSESSMENTS AND INTERVENTIONS FOR SENIORS

INCREASED ACCESS TO MENTAL HEALTH RESOURCES FOR AYAs

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