# Supplementary Online Content

Wagner MJ, Ravi V, Schaub SK, et al. Incidence and presenting characteristics of angiosarcoma in the US, 2001-2020. *JAMA Netw Open.* 2024;7(4):e246235. doi:10.1001/jamanetworkopen.2024.6235

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable.** Demographics: All Patients With Available Data Included

|  |  | Total | Percent |
|---|---|---:|---:|
| Age at dx | 0-9 years | 51 | 0.3 |
| (n=19289) | 10-19 years | 111 | 0.6 |
|  | 20-29 years | 438 | 2.3 |
|  | 30-39 years | 698 | 3.6 |
|  | 40-49 years | 1267 | 6.6 |
|  | 50-59 years | 2529 | 13.1 |
|  | 60-69 years | 4209 | 21.8 |
|  | 70-79 years | 5289 | 27.4 |
|  | 80+ years | 4697 | 24.4 |
| Sex | Male | 8783 | 45.5 |
| (n=19289) | Female | 10506 | 54.5 |
| Race/ethnicity | Non-Hispanic White | 14967 | 79.9 |
| (n=18731) | Black | 1622 | 8.7 |
|  | American Indian/Alaska Native | 93 | 0.5 |
|  | Asian or Pacific Islander | 644 | 3.4 |
|  | Hispanic (All Races) | 1405 | 7.5 |
| Primary site | Skin/soft tissue | 13955 | 72.3 |
| (n=19289) | Visceral | 4701 | 24.4 |
|  | Unknown, not reported or suppressed | 633 | 3.3 |
| LRD stage | Localized | 8679 | 54.0 |
| (n=16067) | Regional, direct | 2649 | 16.5 |
|  | Regional, nodal | 471 | 2.9 |
|  | Regional, direct & nodal | 282 | 1.8 |
|  | Regional, NOS | 54 | 0.3 |
|  | Distant | 3932 | 24.5 |

**eFigure 1.** Demographic Features of Persons Presenting With Angiosarcoma in the US
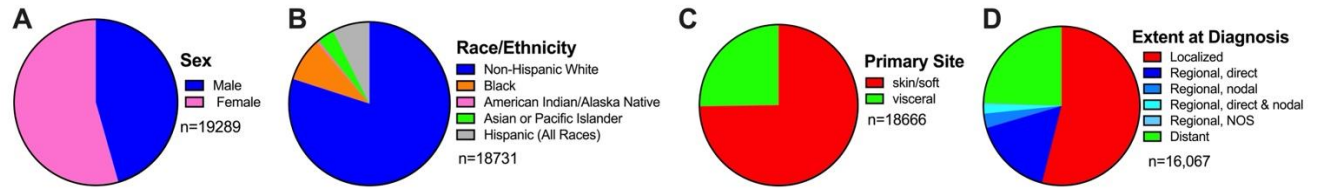


**eFigure 1: Demographic Features of Persons Presenting with Angiosarcoma in the US.** **A)** Sex distribution (n=19,289) **B)** Race/Ethnicity distribution (n=18,731) **C)** Primary site (skin/soft tissue versus visceral; n=18,666) **D)** LRD stage (n=16,067). This is a visualization of data contained in **eTable 1.**

**eFigure 2.** Age Distributions of Cutaneous and Visceral Angiosarcoma
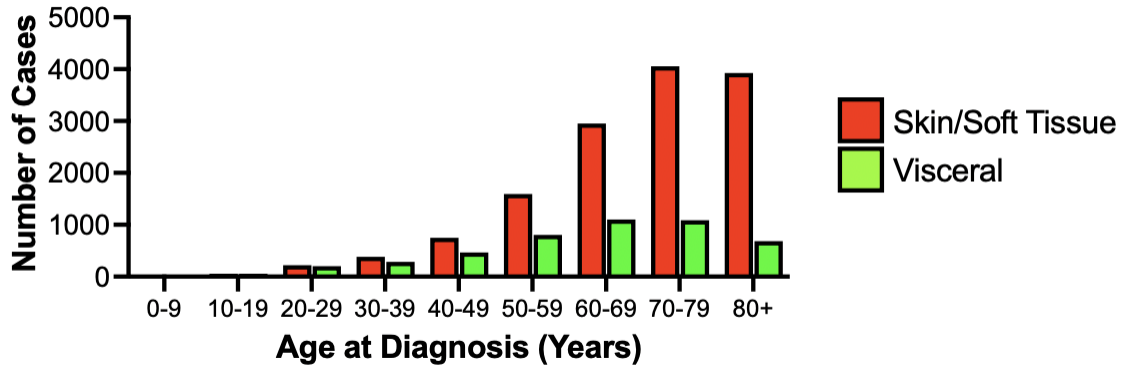


**eFigure 2. Age Distributions of Cutaneous and Visceral Angiosarcoma.** Age at diagnosis of angiosarcoma with skin/soft tissue primary (n=13955) and age at diagnosis of angiosarcoma with visceral primary (n=4697).

**eFigure 3.** Extent of Disease at Diagnosis for Skin/Soft Tissue Angiosarcoma Based on Whether First Malignancy Diagnosed or Second/Greater Malignancy Diagnosed for Patient
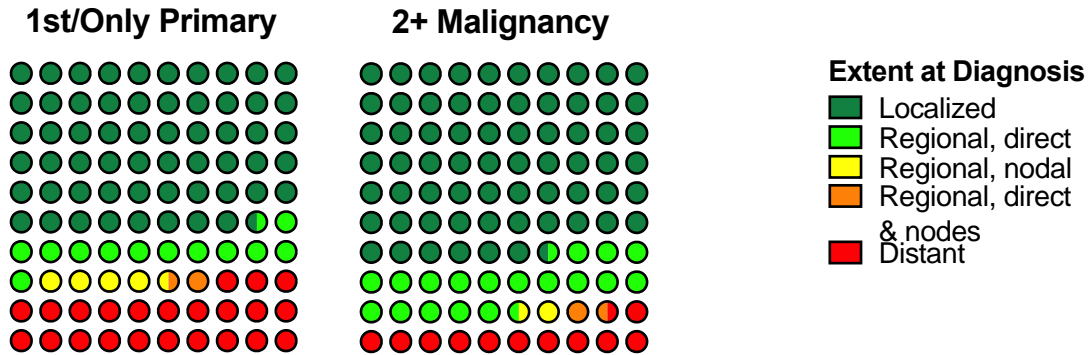


**eFigure 3. Extent of disease at diagnosis for skin/soft tissue angiosarcoma based on whether first malignancy diagnosed or second/greater malignancy diagnosed for patient.** N=6431 (first malignancy) and 5641 (second+ malignancy).

**eFigure 4.** Angiosarcoma With Visceral Primary Sites: Distribution of Cases by Primary Site



Angiosarcoma Primary Sites
Visceral (n=4,701)

Brain & Nerve: 1.9%

Other H&N: 4.8%

Endocrine: 3.6%

Lung & Pleura & Bronchus: 9.2%

Heart 13.4%
Mediastinum: 1.7%

Upper GI 1.4%

Bone: 12.0%

Liver 27.6%

Spleen: 7.1%

Kidney & bladder: 5.9%

Small bowel, colon, rectum: 4.1%

Peritoneum & Retroper: 4.1%

Genital & repro 3.2%