

Anemia Is a Major Symptom in Lung Cancer Patients: ECAS Update

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ANEMIA



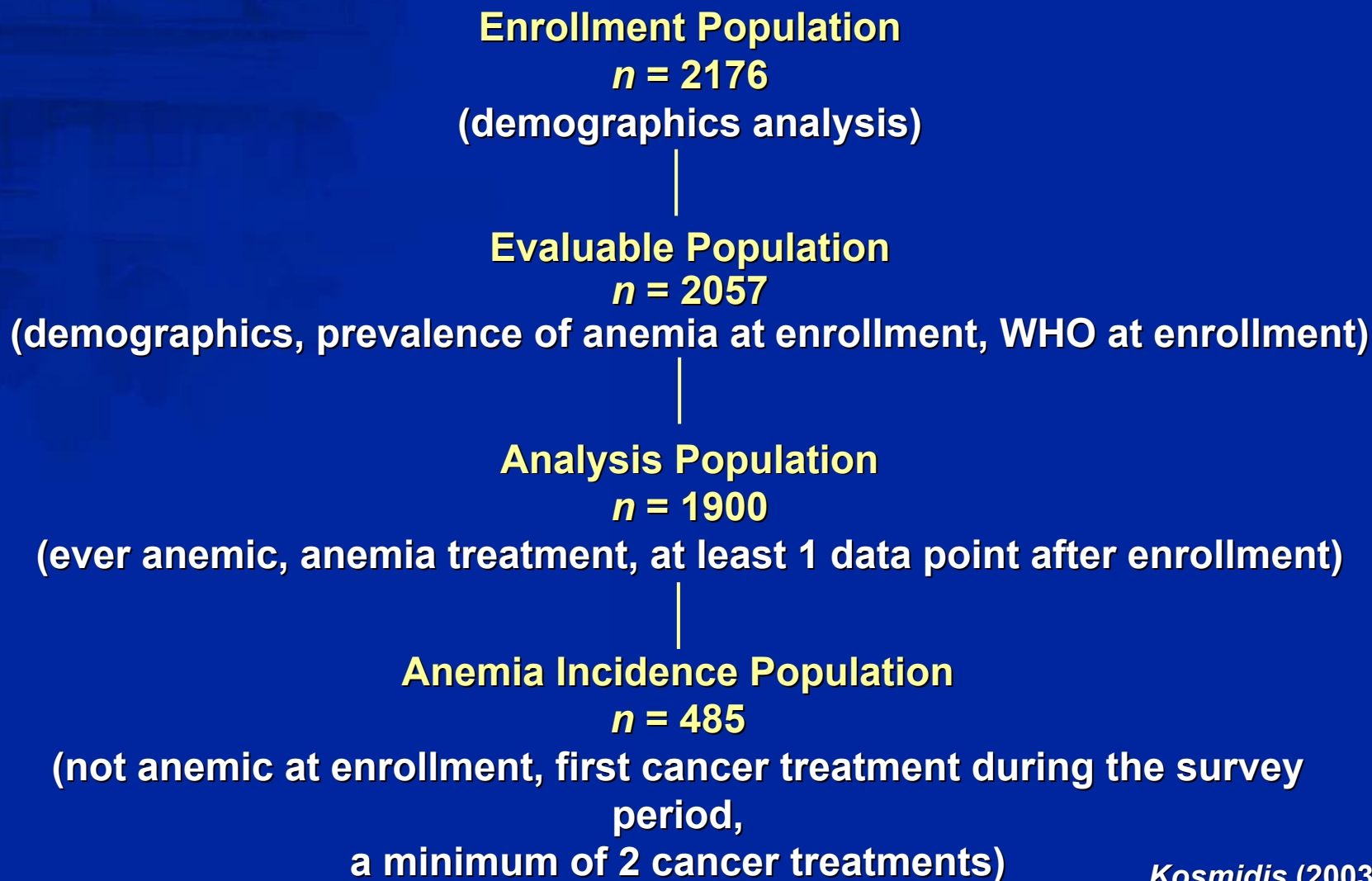
European Cancer Anaemia Survey (ECAS) Overview

- Large, prospective, objective, observational, epidemiological survey
- Enrollment of 15,367 patients followed for up to 6 months
- ~750 centers in 24 European countries

ECAS Objectives

- **Comprehensive prospective European database documenting for cancer patients in actual clinical practice conditions the**
 - **prevalence and incidence of anemia (Hb <12 g/dL)**
 - **impact on WHO performance status**
 - **anemia treatment practice patterns**
 - **risk factors for its development**

Lung Cancer Patient Population Flowchart



ECAS Lung Cancer Patient Characteristics at Enrollment (*n* = 2176)

Age,* years

Mean	61.5
Median	62.0
Range	26-89
SD	10.2

Gender,† *n* (%)

M	1475 (75.5)
F	479 (24.5)

*Missing data for *n* = 6.

†Missing data for *n* = 222.

ECAS Lung Cancer Patient Characteristics at Enrollment (*n* = 2176)

Disease status,* *n* (%)

Newly diagnosed with treatment	571 (26.6)
Newly diagnosed without treatment	795 (37.1)
Persistent/recurrent	636 (29.7)
In remission	141 (6.6)

Treatment status,† *n* (%)

Without treatment	1125 (52.8)
Chemotherapy	823 (38.6)
Radiotherapy	113 (5.3)
Concomitant CT/RT	71 (3.3)

*Missing data for *n* = 33.

†Missing data for *n* = 44.

ECAS Lung Cancer Anemia Rates for Patients by Disease Status ($n = 2176$)

- **24% newly diagnosed without cancer treatment at enrollment**
- **50% newly diagnosed with treatment**
- **46% with persistent/recurrent disease**
- **38% in remission**

ECAS Lung Cancer Anemia Rates for Patients by Treatment Status ($n = 2176$)

- **26% receiving no treatment**
- **30% on radiotherapy (RT)**
- **54% on chemotherapy (CT)**
- **59% on CT/RT**

ECAS Key Findings for Lung Cancer

- At enrollment, low Hb levels correlated significantly ($r = .13$; $p < .001$) with poor WHO performance scores
- 77% of lung cancer patients were anemic at some time during the survey
 - General population anemia: 67%
- Only 48% received any anemia treatment
- Of patients who started CT during ECAS, 80% became anemic
 - 78% of those patients were receiving platinum chemotherapy

Conclusions

Anemia in lung cancer patients is

- **highly prevalent**

- ~ 8 in 10 patients were anemic in survey

- **related to poor performance status**

- **greatly undertreated**

- over 50% received no anemia treatment