

Objective:

Compare total cost of percutaneous cryoablation and conventional surgery for patients with extra-abdominal and/or abdominal wall DTs, candidates to local ablative treatment in Spain

Methods:

Target population was identified through epidemiological data

Total spanish population (year 2021)

Prevalence of desmoid fibromatosis (2-4 cases per 1 million inhabitants/year)



47,326,958

Population with desmoid fibromatosis (n=142)

Proportion of extra-abdominal location among desmoid fibromatosis (80.0%)*



142

Population with extra-abdominal desmoids fibromatosis (n=114)

Elegible population with extra-abdominal desmoid fibromatosis for surgical intervention (70.0%)



114

TARGET POPULATION (N= 80)

Population eligible for surgical intervention (percutaneous cryoablation/conventional surgery (n=80))




80

ORIGINAL ARTICLE

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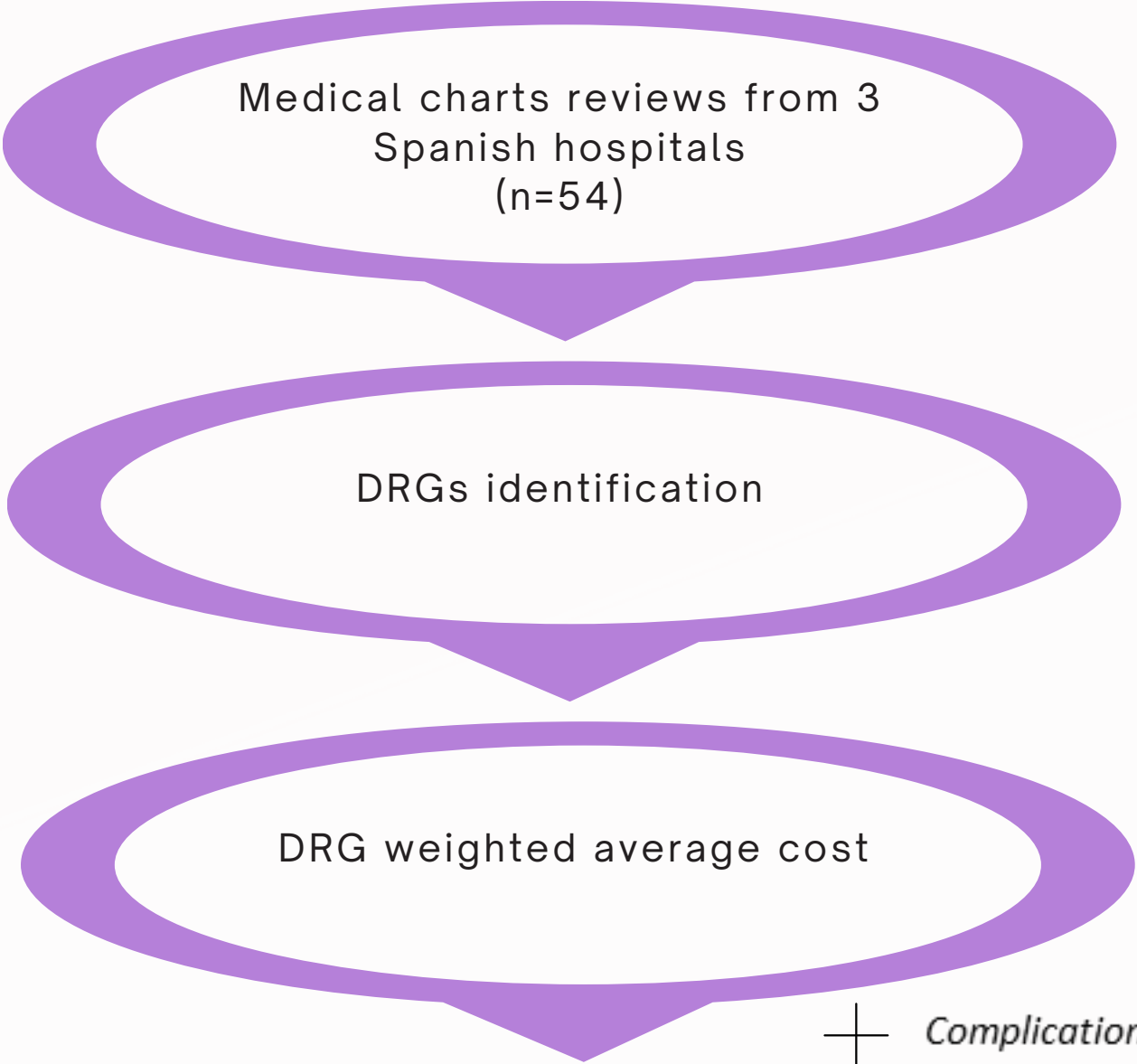


Economic evaluation of percutaneous cryoablation vs conventional surgery in extra-abdominal desmoid tumours in the Spanish healthcare system

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COMPARATORS

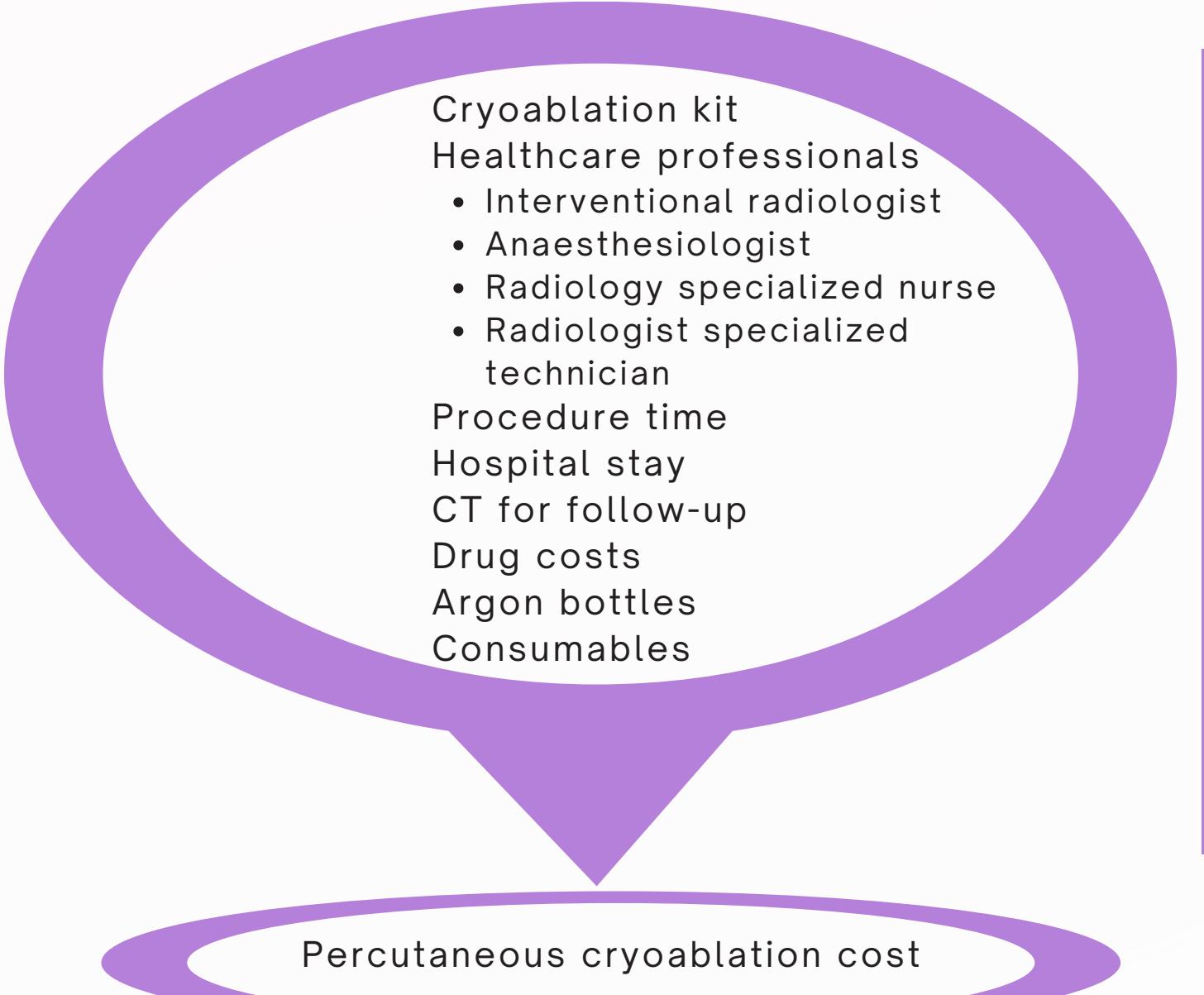
CONVENTIONAL SURGERY



Minor surgery for surgical site infection in 18% of cases

VS

CRYOABLATION

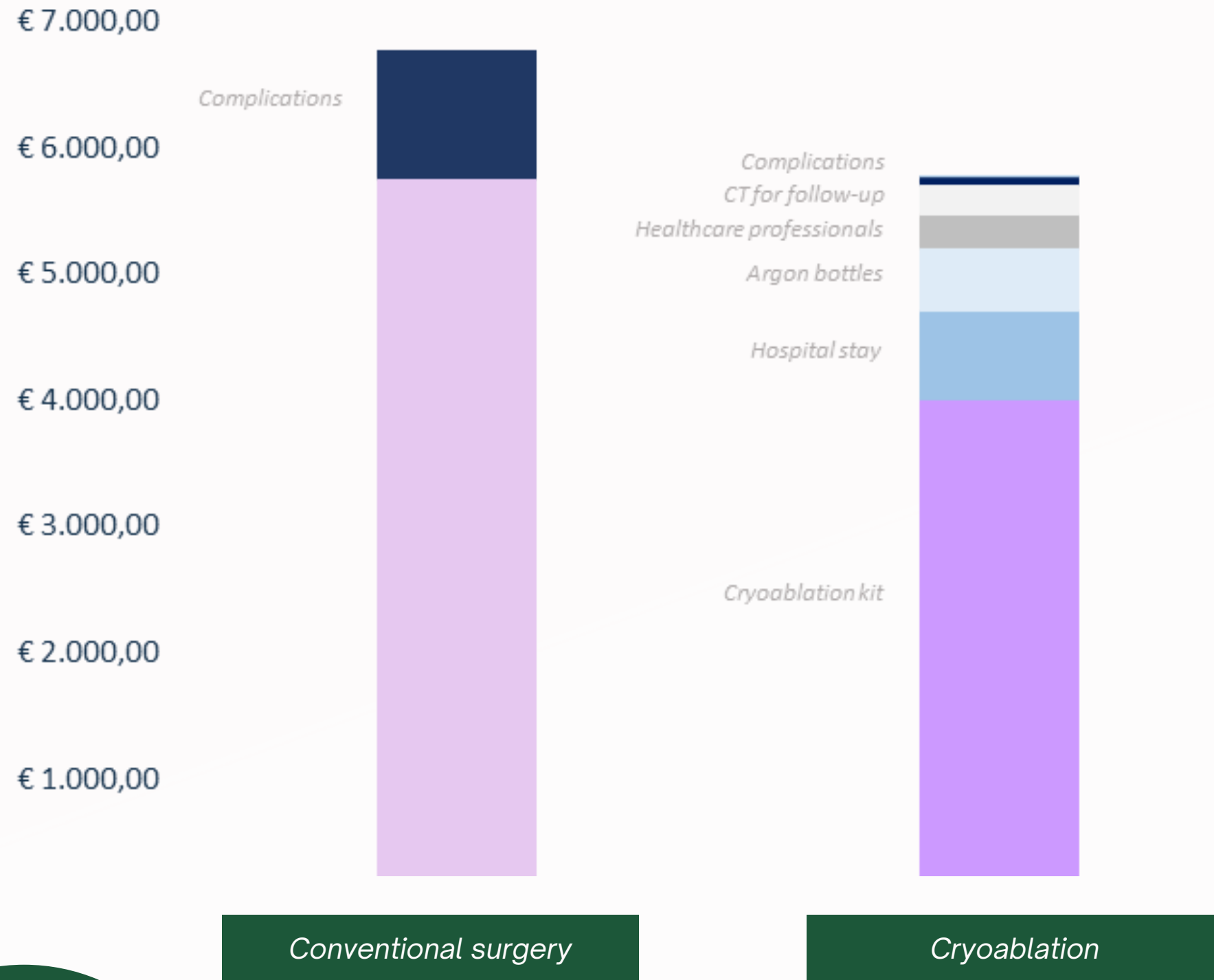


Debridement in 4.5% of cases



Results

The total cost for percutaneous cryoablation (€ 5,774.78/patient-year) was lower than total cost for conventional surgery (€ 6,780.98/patient-year)



Conclusions

Percutaneous cryoablation versus conventional surgery would yield cost savings up to €80,002 for management on DTs patients in Spain