

PROBLEM Long-term

outcomes in adolescent and

from survivors of childhood cancer, despite the differences

between AYAs and children (e.g., biology, physiology,

clinical outcomes of cancer).

OBJECTIVE We aim to define

a population-based cohort of

AYA cancer survivors to study

the cancer effects. This will help develop follow-up plans

for survivors, increasing the

likelihood for early diagnosis

of cancer-induced morbidities.

young adult (AYA) cancer survivors are extrapolated

Cancer registries and administrative databases to study the effects of cancer in AYA cancer survivors

| | | | | | IPAAC INNOVATIVE PARTNERSHIP FOR ACTION AGAINST CANCER | Co-funded by the Health Programm of the European Union |
|------------------------|--|--|-----------------|--------------------|--|--|
| TYPE STATUS | Guidance for implementation Fully implemented and ongoing in Italy and Spain Piloted in Norway | | LAST UPDATE | January 2022 | | TALY NATIONAL Cancer survivorship |
| PROBLEM & OBJECTIVE | | • Identification of AYA as a Involvement of CR and co | fragile and poo | administrative DB. | | |

- Evaluation (content and quality) of the administrative DB. Estimation of the late effects of cancer.
 - Discussion of the results with relevant stakeholders.

KEY CONTEXTUAL FACTORS

Four pre-requisites have been identified:

Availability of population-based cancer registries (CRs), national registry of deaths, clinical discharge records together with additional relevant databases (eq, outpatients DB, drug DB, census, socio-economic DB etc.).

- Availability of clear rules on the mandate of the CRs regarding links to the administrative database and/or rules for requesting authorization to access the administrative database.
- Cancer registries with a good understanding of the information included in administrative databases and their guality problems.
- Availability of adequate financial support for CRs.

MAIN IMPACTS / ADDED VALUE

- We showed that exploiting already available data sources, it is possible, with a limited effort, to study late effects occurring in cancer survivors.
- Our analyses have highlighted that AYA cancer survivors face persistent risks for a broad range of diseases. AYA cancer survivors face many life transitions in terms of education, employment, social relations, and family formation. Late effects could thus have far more physical and social consequences for AYA than for older adults.
- Our findings, underscore the need for strict evidence-based and personalised follow-up plans for survivors, to prevent chronic cancer-induced conditions and minimise the burden of follow-up examinations.

LESSONS LEARNED

- The role of CRs should be strengthen and widened. •
- Collaboration with several experts including clinicians, computer scientists, statisticians, cancer registration experts and owners of administrative databases should be promoted.
- Innovative methods to ensure interoperability of the different dataset within and across countries should be developed.
- A common understanding of the legal framework to ensure data integration should be promoted.
- Quality checks of integrated data sources should be standardized. .
- IT infrastructure should be updated.

CONTACT

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