

Integrating cancer registry data on care with administrative and health information sources in Europe

					IPAAC INNOVATIVE PARTNERSHIP FOR ACTION AGAINST CANCER	Co-funded by the Health Programm of the European Union
TYPE STATUS	Guidance fo	r implementation	LAST UPDATE	January 2022	ITALY • NATION	IAL • REGIONAL Cancer care
PROBLEM DBJECTIVE PROBLEM Data differently availab population based registries (CRs), t poorly standardize expensive to colle lag between data and analyses impo of results by clinic health planners.	& a on care are ole to cancer hey are ed and ect. The time collection airs the use cians or Within and	 KEY CONTEXTUAL FACTORS EXEMPTIAL FACTORS 				
between country of legislation framew exchange of data analyses.	differences in work impairs for common	 Computerised sources of information are available to all European CR, but with different extent. CR based "high-resolution" studies, collecting more detailed clinical data than those routinely available (on stage at diagnosis, diagnostic procedures and treatment), have been conducted in Europe to explain reasons of outcomes differences and assess the adhesion to standard clinical guidelines [1-4]. 				

- The linkage of CR data with current administrative and health data enlarges the potentiality of CR information on care and shortens the interval between data collection and delivering results.
 - In Italy we obtained indicators of cancer care in different disease phases (diagnostic, treatment, end of life) by linking individual patient's records with multiple health data sources (hospital and emergency admissions, exemption files, ambulatory services, drug prescriptions) [5].

MAIN IMPACTS / ADDED VALUE

- Pilot WP7.2 developed a model to study different phases of the entire pathway of cancer care, replicable in other countries where similar health databases are available.
- Information to tackle inequalities in cancer care and outcomes can be enhanced by this approach.
- Data collection would be less expensive and time-frame for obtaining results shortened.

LESSONS LEARNED

- CR data should cover cancer care monitoring. .
- Methods to ensure interoperability of different dataset within and across countries should be developed and promoted, provided the willingness of data providers and competent authorities.
- There is need to develop procedures to access health data based on a common legal framework.
- Need to harmonize GDPR interpretation and country-specific implementations of data protection.

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standard clinical guidelines.

OBJECTIVE This pilot

evaluates the feasibility of

with current administrative

and health data in order to: describe the complete

linking individual patients' data

pathway of cancer patients; assess the adherence to