

Survey of the activity of General Cancer Registries regarding Malignant Mesothelioma

WP 6. Activity coordinated by C. Magnani

Introduction

The survey was conducted as part of the activities of the MINE project and was aimed at gathering information on the activity of General Population Cancer Registries in respect to Malignant Mesothelioma. It was aimed at addressing the dimensions related to evaluation of cases, assessment of diagnosis, assessment of risk factors and information provided to the interested subjects. It also included a general description of the registry and of its scientific activity in respect to malignant mesothelioma.

Methods

The survey included the General Cancer Registries listed in the ENCR (European Network of Cancer Registries) as of November 20th, 2014. The ENCR database was further accessed in March 2015 in order to verify data for the registries that had not answered. For the non-responding registries a verification of the active status was carried out also with access to other databases, such as IACR or national networks of cancer registries. Documented non-active registries (defined as registries who never provided data neither published data) were cancelled from the survey base.

The survey was carried on using the MINE web site. A data collection section was included, with free access. Cancer registries were invited with a letter addressed to the Cancer registry head, according to ENCR data base or to more updated information collected during the survey. Up to 3 reminders were sent at 4 months intervals after the first invitation. Data were checked (registry name, head, address, e-mail and active status) after the first and second reminder, using literature search (published papers with affiliations) and different web databases including cancer registry data.

Results

Eighty eight registries took part in the survey, out of 121 invited. The participation in the survey was 72,7%. Table 1 summarizes participation by country. The survey included 27 out of 28 EU countries and we received answers for 25. Luxembourg could not be included because no cancer registries were listed in the ENCR data base. Switzerland was also included in the survey, even if not a EU country. Gibraltar is listed separately in the table, according to ENCR, but is not counted as a country.

Participation was lower in the countries also covered by a Mesothelioma registry, in particular France and Italy, as it was more difficult to explain to local registries that we were interested in the General Registries and not in specialized ones.

Table 1 Presents the number of registries invited and participating in the MINE survey on mesothelioma, by country.



| Table 1 | | | swer eived | Number of registries in the survey |
|-----------------|------|----|---------------|------------------------------------|
| Country | Code | у | n | |
| Austria | at | 2 | 1 | 3 |
| Belgium | be | 1 | | 1 |
| Bulgaria | bg | 1 | | 1 |
| Croatia | hr | 1 | | 1 |
| Cyprus | су | 1 | | 1 |
| Czech Republic | CZ | 0 | 1 | 1 |
| Estonia | ee | 1 | | 1 |
| Finland | fi | 1 | | 1 |
| France | fr | 5 | 7 | 12 |
| Germany | de | 10 | 1 | 11 |
| Gibraltar | gi | 1 | | 1 |
| Hungary | hr | 0 | 1 | 1 |
| Iceland | is | 1 | | 1 |
| Ireland | ie | 1 | | 1 |
| Italy* | it | 20 | 11 | 31 |
| Latvia | lv | 1 | | 1 |
| Lithuania | 1t | 1 | | 1 |
| Malta | mt | 1 | | 1 |
| Norway | no | 1 | | 1 |
| Poland | pl | 6 | 3 | 9 |
| Portugal | pt | 4 | | 4 |
| Romania | ro | 1 | | 1 |
| Slovakia | sk | 1 | | 1 |
| Slovenia | si | 1 | | 1 |
| Spain | es | 7 | 6 | 13 |
| Sweden | se | 3 | | 3 |
| Switzerland | ch | 10 | 2 | 12 |
| The Netherlands | nl | 1 | | 1 |
| United Kingdom | uk | 4 | | 4 |
| Total | | 88 | 32 | 121 |
| | _ | _ | | |

^{*} One answer from a specialized mesothelioma registry

As most of the questions were in open form, the information was thoroughly revised, before and during the statistical analyses in order to check inconsistencies and to code the answers.

In addition to the general cancer registries in the EU countries some answers were received also from specialized mesothelioma registries (1, from Italy) and from non EU countries (1 each from Albania, Bosnia-Herzegovina, and Russia). The ENCR data base includes 10 registries in countries in the European region according to the UN definition but not in EU. Data provided from these registries are summarized shortly in the appendix but are not contributing to the analyses presented here.

All registries qualified as 'General Cancer Registries', with the only exception of the Mesothelioma Registry of Liguria (Italy) that is a specialized cancer registry and was not included in the analyses presented here.

Table 2 presents the population size covered by the registries included in the survey, by country. Registries with national coverage are identified ('y'). From Poland and Sweden we received answers from both 'National' and 'Local' registries. All answers are included with the same rank.



population size.

| Country | Country | National | Number of registries | Population |
|----------------|---------|----------|----------------------|------------|
| Austria | at | | 2 | 1255881 |
| Belgium | be | у | 1 | 11000000 |
| Bulgaria | bg | у | 1 | 7304632 |
| Croatia | hr | у | 1 | 4255689 |
| Cyprus | су | у | 1 | 862000 |
| Estonia | ee | у | 1 | 1300000 |
| Finland | fi | у | 1 | 5400000 |
| France | fr | | 5 | 4348058 |
| Germany | de | | 10 | 63755898 |
| Gibraltar | gi | | 1 | 30000 |
| Iceland | is | у | 1 | 320000 |
| Ireland | ie | у | 1 | 4600000 |
| Italy* | it | | 20 | 20619789 |
| Latvia | lv | у | 1 | 2013000 |
| Lithuania | lt | у | 1 | 3000000 |
| Malta | mt | у | 1 | 423282 |
| Norway | no | у | 1 | 5109056 |
| Poland | pl | | 5 | 18401000 |
| Poland | pl | у | 1 | 38500000 |
| Portugal | pt | | 4 | 10547549 |
| Romania | ro | | 1 | 2700000 |
| Slovakia | sk | у | 1 | 5397036 |
| Slovenia | si | у | 1 | 2000000 |
| Spain | es | | 7 | 7554336 |
| Sweden | se | | 2 | 2700000 |
| Sweden | se | у | 1 | 9640000 |
| Switzerland | ch | | 10 | 4554652 |
| TheNetherlands | nl | у | 1 | 16800000 |
| United Kingdom | uk | у | 4 | 22140000 |

Registration Period and Scientific Activity

Most registries started their activities in the 1990's, with only 16 registries starting in this century (Table 2). However, we did not notice different procedures for those registries that started their activity more recently (data not tabulated).

Table 2 Year of start of registration for the registries included in the MINE survey on Mesothelioma

| | | | Cumulative | Cumulative |
|----------------|---------------|-------------|----------------|-------------|
| Year_start | Frequency | Percent | Frequency | Percent |
| ffffffffffffff | fffffffffffff | fffffffffff | ffffffffffffff | fffffffffff |
| 1933 | 1 | 1.14 | 1 | 1.14 |
| 1950 | 1 | 1.14 | 2 | 2.27 |
| 1952 | 1 | 1.14 | 3 | 3.41 |
| 1953 | 2 | 2.27 | 5 | 5.68 |
| 1954 | 1 | 1.14 | 6 | 6.82 |
| 1956 | 1 | 1.14 | 7 | 7.95 |
| 1958 | 4 | 4.55 | 11 | 12.50 |
| 1960 | 2 | 2.27 | 13 | 14.77 |
| 1962 | 1 | 1.14 | 14 | 15.91 |



| 1963 | 2 | 2.27 | 16 | 18.18 |
|----------------|-------------|---------------|------------------|-------------|
| 1965 | 1 | 1.14 | 17 | 19.32 |
| 1968 | 1 | 1.14 | 18 | 20.45 |
| 1969 | 1 | 1.14 | 19 | 21.59 |
| 1970 | 1 | 1.14 | 20 | 22.73 |
| 1974 | 3 | 3.41 | 23 | 26.14 |
| 1976 | 2 | 2.27 | 25 | 28.41 |
| 1978 | 1 | 1.14 | 26 | 29.55 |
| 1980 | 3 | 3.41 | 29 | 32.95 |
| 1982 | 1 | 1.14 | 30 | 34.09 |
| 1984 | 1 | 1.14 | 31 | 35.23 |
| 1985 | 6 | 6.82 | 37 | 42.05 |
| 1986 | 3 | 3.41 | 40 | 45.45 |
| 1987 | 1 | 1.14 | 41 | 46.59 |
| 1988 | 4 | 4.55 | 45 | 51.14 |
| 1989 | 4 | 4.55 | 49 | 55.68 |
| 1991 | 1 | 1.14 | 50 | 56.82 |
| 1993 | 2 | 2.27 | 52 | 59.09 |
| 1994 | 1 | 1.14 | 53 | 60.23 |
| 1995 | 4 | 4.55 | 57 | 64.77 |
| 1996 | 3 | 3.41 | 60 | 68.18 |
| 1997 | 2 | 2.27 | 62 | 70.45 |
| 1998 | 8 | 9.09 | 70 | 79.55 |
| 1999 | 2 | 2.27 | 72 | 81.82 |
| 2000 | 1 | 1.14 | 73 | 82.95 |
| 2002 | 2 | 2.27 | 75 | 85.23 |
| 2003 | 6 | 6.82 | 81 | 92.05 |
| 2004 | 1 | 1.14 | 82 | 93.18 |
| 2005 | 1 | 1.14 | 83 | 94.32 |
| 2006 | 2 | 2.27 | 85 | 96.59 |
| 2008 | 1 | 1.14 | 86 | 97.73 |
| 2011 | 1 | 1.14 | 87 | 98.86 |
| 2012 | 1 | 1.14 | 88 | 100.00 |
| ffffffffffffff | fffffffffff | fffffffffffff | ffffffffffffffff | fffffffffff |

Seventy two of the registries (81,8%) have their data published on Cancer Incidence in Five continents, in one or more editions.

Registries were asked about the production of scientific reports on mesothelioma: Four specific reports were listed (some of them are cooperative efforts including two or more registries):

- 1. Lacourt A, Gramond C, Rolland P, Ducamp S, Audignon S, Astoul P et al. Occupational and non-occupational attributable risk of asbestos exposure for malignant pleural mesothelioma. Thorax. 2014;69(6):532-9.
- 2. Damhuis RA, Schroten C, Burgers JA. Population-based survival for malignant mesothelioma after introduction of novel chemotherapy. Eur Respir J. 2012 Jul;40(1):185-9
- 3. Nicita C Buzzoni C, Chellini E, et al. A comparative analysis between regional mesothelioma registries and cancer registries: results of the ReNaM-AIRTUM project Epidemiol Prev. 2014 May-Aug;38(3-4):191-9.
- 4. Bianchi C1, Bianchi T .Global mesothelioma epidemic: Trend and features. Indian J Occup Environ Med. 2014 May;18(2):82-8.
- 5. Siesling S et al. Rare thoracic cancers, including peritoneum mesothelioma. Eur J Cancer. 2012; 48: 949-60



Registration procedures

The registration procedure is based on 'Active' registration for 36 registries (40,9%) and Passive registration (notifications provided to the registry) for 52 (59,1%). The difference reflects national differences in the current procedures of cancer registration, that are not further explored but are shown in the table 3.

Table 3 Presents the number of registries using active or passive registration, by country.

| Country | Active | Passive | Total |
|---------|--------|---------|-------|
| at | 2 | 0 | 2 |
| be | 0 | 1 | 1 |
| bg | 0 | 1 | 1 |
| ch | 4 | 6 | 10 |
| су | 1 | 0 | 1 |
| de | 0 | 10 | 10 |
| ее | 0 | 1 | 1 |
| es | 3 | 4 | 7 |
| fi | 0 | 1 | 1 |
| fr | 4 | 1 | 5 |
| gi | 0 | 1 | 1 |
| hr | 0 | 1 | 1 |
| ie | 1 | 0 | 1 |
| is | 0 | 1 | 1 |
| it | 15 | 5 | 20 |
| lt | 0 | 1 | 1 |
| lv | 1 | 0 | 1 |
| mt | 0 | 1 | 1 |
| nl | 0 | 1 | 1 |
| no | 0 | 1 | 1 |
| pl | 2 | 4 | 6 |
| pt | 2 | 2 | 4 |
| ro | 0 | 1 | 1 |
| se | 1 | 2 | 3 |
| si | 0 | 1 | 1 |
| sk | 0 | 1 | 1 |
| uk | 0 | 4 | 4 |
| Total | 36 | 52 | 88 |

Active registration was carried on using different sources, as current practices for cancer registries. The sources most often used were:

| Source | N | % |
|-------------------|----|---|
| Clinical records | 30 | |
| Pathology records | 30 | |



| Death records | 17 | |
|--------------------------|----|--|
| Imaging records | 1 | |
| Palliative care records | 1 | |
| Radiotherapy records | 3 | |
| Health insurance records | 4 | |

Two registries mentioned the access to Hospital based cancer registry data and 2 (both in Italy) the access to the mesothelioma registry data.

As for passive registration, the sources reported were:

| the feet passers a segretarity and to an observe per total mental. | | | |
|--|----|---|--|
| Source | N | % | |
| Clinical records | 20 | | |
| Pathology records | 44 | | |
| Death records | 21 | | |
| Hospital admissions and discharge records | 27 | | |
| General Practitioners | 14 | | |

Several registries nowadays use hospital admissions and discharge files as a preliminary tool to select the information that must be examined, and therefore the criteria of selection of relevant codes is of special importance. We observed that 4 registries reported the use of the C45 code (mesothelioma) but did not mention the C39 code (pleural malignancy). This selection criterion is a possible cause for the loss of mesothelioma cases.

As for diagnostic criteria, 85 registries out of 88 follow the IACR criteria.

All registries include histology and histology with immunohistochemistry as valid diagnostic bases for mesothelioma. 66 include also cytology with immunohistochemistry and 56 just cytology. Imaging is accepted as a diagnostic base by 48 registries.

Additional clinical information are collected by 82 registries (93,2%). Stage is recorded by 56, therapy by 41 and survival by 74.

In 71 registries (80,7%) mesothelioma cases are evaluated as all the other tumor types, without special evaluation. Special evaluation is reported by 15 registries: in 14 instances by internal staff and in 1 by external experts. Answer was missing for 1 registry. Histology / cytology specimens of MM cases are revised systematically in 6 registries: in 4 with panel verification (2: all cases, 1: selection and 1: missing answer) and in 2 by a single expert (1 for all cases and 1 no answer on the selection criteria). Two registries reported that the revision is prompted by the need to fulfill the rules for the compensation of cases and not because of the registration in the database.

Evaluation of exposure and information provided to subjects



Information on exposure does not receive special attention by general cancer registries: only 12 reported that exposure is collected and only 2 mentioned that questionnaire interviews are used. Eight used the information from clinical records, either as the unique source or in addition to the occupation reported in the death certificate. One registry mentioned the compensation claims as source of information. Information on exposure is evaluated by an expert in 3 registries.

If we exclude the countries served by a specialized mesothelioma registry (Germany, France, Italy, The Netherlands and the United Kingdom), collection of information on exposure was reported by 5 registries only, all using clinical record or clinical record plus death certificate as the source of data. Those registries are located in Switzerland (4 registries), Cyprus and Malta.

Only 2 registries (1 in France and 1 in Norway) inform cases of MM about the causes of the disease and of the right of compensation. Two registries (1 in Italy and 1 in Norway) notify MM cases to the compensation board. We also collected free comments on these topics: 6 registries claimed that informing patients or compensation boards is not a duty of cancer registries and that it is a duty of clinicians or of the special registries on mesothelioma.

Sixty eight registries showed interest in receiving more information and in accessing to information as reported in the MINE website. Information of interest were mainly of the clinical and diagnostic domain (rules of registration, information on survival and on long survival, organization and location of excellence centres). Only 4 cases listed an interest in information on exposure and on the causes of mesothelioma in workers and in the general population.

Discussion and conclusion

This survey enquired the current practices in data identification, registration and use of individual information in the Population based Cancer Registries active in the EU. The survey was completed by 72,7% of registries, that was over the target set in the project. The survey provided information from all EU countries as well as from Switzerland.

Procedures used for mesothelioma followed the standard rules adopted by the registries, with only a minority of the registries deciding to adopt special procedures for the verification of the cases. When adopted these procedures were based on the use of internal resources, however.

Only few registries investigated exposure and even fewer transferred this information to the interested subjects. Information aimed at compensation was considered not a duty of registry in its ordinary activity.

The survey will be completed with a revision of current activity of the mesothelioma registries set up in some countries.



Annex 1:

| Answer to the survey | | | |
|-----------------------|-----|-----|-------|
| Country | yes | not | Total |
| Albania | 1 | | 1 |
| Belarus Bosnia and | | 1 | 1 |
| Herzegovina | 1 | 1 | 2 |
| Moldova | | 1 | 1 |
| Russia | 1 | 2 | 3 |
| Serbia | | 2 | 2 |
| Ukraine | | 1 | 1 |
| Totale complessivo | 3 | 8 | 11 |



Annex 2 Acknowledgements

We are indebited to the registrars that took part in the survey:

| Country | Name | Official_name_registry |
|----------------------------------|--|--|
| al | Ferdinand Jorgoni | Interhospital Cancer Registry |
| at | Willi Oberaigner | Cancer Registry of Tyrol/Austria |
| at | Zorica Jukic | Carinthian Cancer Registry |
| ba | Zivana Gavric | The Cancer Registry Republic of Srpska |
| be | Kris Henau & Michael Rosskamp | Belgian Cancer Registry |
| bg | Zdravka Valerianova | Bulgarian National Cancer Registry |
| ch | Fabio Levi | Cancer Registry of Jura |
| ch | Fabio Levi | Cancer Registry of Neuchâtel |
| ch | Fabio Levi | Cancer Registry of Vaud |
| ch | Dehler, Silvia | Cancer Registry Zurich and Zug |
| ch | Bertrand Camey | Registre des Tumeurs du Canton de Fribourg |
| ch | Anne Schmidt | Krebsregister Thurgau |
| ch | S. Mohsen Mousavi | Krebsregister beider Basel |
| ch | Andrea Bordoni | Ticino Cancer Registry |
| ch | Massimo Usel | Geneva Cancer Registry |
| ch | Konzelmann Isabelle | Valais Cancer Registry |
| су | Pavlos Pavlou | Cyprus Cancer Registry |
| de | Sabine Luttmann | Bremen Cancer Registry |
| de | Alexander Katalinic | Cancer Registry of Schleswig-Holstein |
| de | Joachim Kieschke | Epidemiologisches Krebsregister Niedersachsen |
| de | Meike Ressing | Cancer Registry Rhineland-Palatinate |
| de | Martin Meyer | Bevölkerungsbezogenes Krebsregister Bayern |
| de | Bernd Holleczek | Saarland Cancer Registry |
| de | Heidinger, Oliver | Epidemiologisches Krebsregister des Landes Nordrhein-Westfalen |
| de | Alice Nennecke | Hamburg Cancer Registry |
| de | Silke Hermann | Krebsregister Baden-Württemberg |
| de | Gabriele Schubert-Fritschle | Munich Cancer Registry |
| ee | Margit Magi | Estonian Cancer Registry |
| es | Rafael Marcos-Gragera | Girona Cancer Registry |
| es | Maria Ramos Monserrat | Registre de càncer de Mallorca |
| es | Manuel Errezola | BASQUE COUNTRY CANCER REGISTRY |
| es | Jaume Galceran | Registre de Càncer de Tarragona |
| es | Josefina Perucha González | Registro de Cáncer de La Rioja |
| es | J.Ramón Quirós | Registro de Tumores del Principado de Asturias |
| es | Araceli Alemán | Registro Poblacional de la Comunidad autónoma de Canarias |
| fi | Nea Malila | Finnish Cancer Registry |
| fr | F. Molinie | Loire-Atlantique and Vendee cancer registry |
| fr | Nathalie Leone | Registre Général des Cancers en Région Limousin |
| fr | Brigitte Tretarre | Registre des Tumeurs de l'Hérault |
| fr | Emilie Marrer | Haut-Rhin Cancer Registry |
| fr | P. Grosclaude | Registre des Cancers du Tarn |
| gi | Rachelle Asquez | Gibraltar Cancer Registry |
| hr | Mario Sekerija | Croatian National Cancer Registry |
| ie | Harry Comber | National Cancer Registry |
| is | Jón G. Jónasson | Icelandic Cancer registry |
| it | Gemma Gola | Cancer Registry of Como province |
| it | Francesco Cuccaro | Cancer Registry of ASL BT - Section of Cancer Registry of Puglia |
| it | Francesco Vitale | Palermo Province Cancer Registry |
| it | Diego Serraino | Friuli Venezia Giulia Cancer Registry |
| it | Adele Caldarella | Cancer Registry of Tuscany |
| it | Silvia Patriarca | Piedmont Cancer Registry |
| it | Rosario Tumino | Registro Tumori della Provincia di Ragusa |
| | Valerio Gennaro | Registro Mesoteloma della Liguria (COR Liguria del RENAM) |
| it | Valcilo Octiliaro | |
| it it | Mariangela Autelitano | Cancer Registry of Milan |
| | | |
| it | Mariangela Autelitano | Cancer Registry of Milan Trento Cancer Registry |
| it it | Mariangela Autelitano Silvano Piffer Stefano Ferretti | Cancer Registry of Milan |
| it it it | Mariangela Autelitano Silvano Piffer | Cancer Registry of Milan Trento Cancer Registry Registro tumori Area Vasta Emilia Centrale |
| it it it it | Mariangela Autelitano Silvano Piffer Stefano Ferretti Giovanna Tagliabue | Cancer Registry of Milan Trento Cancer Registry Registro tumori Area Vasta Emilia Centrale Lombardy Cancer Registry , Varese Province (LCR) |
| it it it it it | Mariangela Autelitano Silvano Piffer Stefano Ferretti Giovanna Tagliabue Lucia Mangone Michele Magoni | Cancer Registry of Milan Trento Cancer Registry Registro tumori Area Vasta Emilia Centrale Lombardy Cancer Registry , Varese Province (LCR) Registro Tumori Reggiano Registro Tumori dell'ASL di Brescia |
| it it it it it it | Mariangela Autelitano Silvano Piffer Stefano Ferretti Giovanna Tagliabue Lucia Mangone Michele Magoni Giovanni Marazza | Cancer Registry of Milan Trento Cancer Registry Registro tumori Area Vasta Emilia Centrale Lombardy Cancer Registry , Varese Province (LCR) Registro Tumori Reggiano Registro Tumori dell'ASL di Brescia Registro Tumori di Lodi |
| it | Mariangela Autelitano Silvano Piffer Stefano Ferretti Giovanna Tagliabue Lucia Mangone Michele Magoni Giovanni Marazza Fabio Falcini | Cancer Registry of Milan Trento Cancer Registry Registro tumori Area Vasta Emilia Centrale Lombardy Cancer Registry , Varese Province (LCR) Registro Tumori Reggiano Registro Tumori dell'ASL di Brescia Registro Tumori di Lodi Registro Tumori della Romagna |
| it it it it it it | Mariangela Autelitano Silvano Piffer Stefano Ferretti Giovanna Tagliabue Lucia Mangone Michele Magoni Giovanni Marazza | Cancer Registry of Milan Trento Cancer Registry Registro tumori Area Vasta Emilia Centrale Lombardy Cancer Registry , Varese Province (LCR) Registro Tumori Reggiano Registro Tumori dell'ASL di Brescia Registro Tumori di Lodi |



| it | Giuseppa Candela | Trapani Cancer registry |
|----|---------------------------|--|
| it | Adriano Giacomin | Registro Tumori Piemonte, Province di Biella e Vercelli |
| lt | Giedre Smailyte | Lithuanian Cancer Registry |
| lv | Elina Liepina | Latvian Cancer Register |
| mt | Dominic Agius | Malta National Cancer Registry |
| nl | Ronald Damhuis | Netherlands Cancer Registry |
| no | Kristina Kjaerheim | Cancer Registry of Norway, inst. of population-based cancer research |
| pl | Maciej Trojanowski | Greater Poland Cancer Registry |
| pl | Andrzej Tukiendorf | Silesia Cancer Registry |
| pl | Kamila Kepska | Lower Silesian Cancer Registry |
| pl | Monika Gradalska-Lampart | Department of Epidemiology and Podkarpackie Cancer Registry |
| pl | Maria Zwierko | Warsaw Cancer Registry |
| pl | Urszula Wojciechowska | Polish National Cancer Registry |
| pt | Gonzalo Forjaz de Lacerda | Registo Oncologico Regional dos Azores (Azores Cancer Registry) |
| pt | Ana Miranda | ROR-Sul - Registo Oncológico Regional Sul |
| pt | Joana Bastos | Registo Oncológico Regional do Centro (ROR-Centro) |
| pt | Maria José Bento | Registo Oncológico Regional do Norte |
| ro | Daniela Coza | Cluj Regional Cancer Registry |
| ru | V. M Merabishvili | Population-based Cancer Registry of St. Petersburg |
| se | Erik Holmberg | Regional Cancer Register Western Sweden |
| se | Shiva Ayoubi | The Swedish Cancer registry |
| se | Johan Rosell | Swedish Cancer Registry |
| si | Maja Primic Akelj | Cancer Registry of Republic of Slovenia |
| sk | Chakameh Safaei Diba | National Cancer Registry of Slovakia |
| uk | David Brewster | Scottish Cancer Registry |
| uk | Deirdre Fitzpatrick | N.Ireland Cancer Registry |
| uk | Joy McRae | Welsh Cancer Intelligence & Surveillance Unit |
| uk | Karen Linklater | National Cancer Registration Service (London) |