

PAPER

Suicide tourism: a pilot study on the Swiss phenomenon

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ABSTRACT

While assisted suicide (AS) is strictly restricted in many countries, it is not clearly regulated by law in Switzerland. This imbalance leads to an influx of people—'suicide tourists'—coming to Switzerland, mainly to the Canton of Zurich, for the sole purpose of committing suicide. Political debate regarding 'suicide tourism' is taking place in many countries. Swiss medicolegal experts are confronted with these cases almost daily, which prompted our scientific investigation of the phenomenon. The present study has three aims: (1) to determine selected details about AS in the study group (age, gender and country of residence of the suicide tourists, the organisation involved, the ingested substance leading to death and any diseases that were the main reason for AS); (2) to find out the countries from which suicide tourists come and to review existing laws in the top three in order to test the hypothesis that suicide tourism leads to the amendment of existing regulations in foreign countries; and (3) to compare our results with those of earlier studies in Zurich. We did a retrospective data analysis of the Zurich Institute of Legal Medicine database on AS of non-Swiss residents in the last 5 years (2008–2012), and internet research for current legislation and political debate in the three foreign countries most concerned. We analysed 611 cases from 31 countries all over the world. Non-terminal conditions such as neurological and rheumatic diseases are increasing among suicide tourists. The unique phenomenon of suicide tourism in Switzerland may indeed result in the amendment or supplementary guidelines to existing regulations in foreign countries.

INTRODUCTION

In Switzerland, assisting suicide is not clearly regulated by law and unlike in other countries such as the Netherlands or certain states of the USA, for example, Oregon, no rules exist that regulate under which conditions someone might receive assisted suicide (AS). Instead, there are some laws that altogether rule AS: the 1942 penal code (Art. 115) states only that "any person who for selfish motives incites or assists another to commit or attempt to commit suicide is, if that other person thereafter commits or attempts to commit suicide, liable to a custodial sentence not exceeding five years or to a monetary penalty".¹ The medical professional code allows doctors to provide assistance in suicide in certain circumstances, when they assume that the end of life is near or the patient is in the end stage of a terminal illness.^{2,3} Sodium pentobarbital, the medication most commonly used for AS, can only be prescribed under specific conditions, according to the Swiss law on drugs.^{4,5} There are, therefore, some legal grey areas, and this is one of the reasons why

the European Court of Human Rights recently ruled that Switzerland has to issue regulations for prescribing lethal medication such as sodium pentobarbital.⁶ Several attempts to regulate AS by federal law from the 1990s until the present day have failed, most recently in June 2011, when the *Bundesrat* (Federal Council) decided that there was no need to change the law, because no advantages, but disadvantages were to be expected after amendments of Art. 115 and that the current wording of Art. 115 was enough to detect a possible misuse.^{7,8}

At a cantonal level, there have been various attempts to regulate AS by law—each case of AS results in legal investigation, which costs approximately 3000 Swiss Francs, carried by the canton of Zurich and independent of the fees paid directly to the organisation by the member. A draft bill, restricting AS to people who had lived in the Canton of Zurich for at least 1 year, was rejected by the population of the canton in May 2011; another draft bill to regulate and supervise the right-to-die organisations was rejected by the cantonal government in July 2013.^{9,10} Six official voluntary right-to-die organisations are active in Switzerland and offer AS to their members, providing that they fulfil various conditions. These conditions differ between the organisations, as can be seen in [table 1](#).^{11–24} Four of the six organisations also offer suicide assistance to people who are neither Swiss citizens nor resident in Switzerland, but who come from other European countries, for example, the UK, France and Italy, where AS is restricted by law and anyone contravening this law may be liable to several years' imprisonment.^{16–30} The imbalance between there being no definitive legislation in Switzerland and the clearly restrictive regulations in other European countries results in an influx of people who come to Switzerland for the sole purpose of committing suicide aided by one of these organisations. Such people are referred to as suicide tourists, a phenomenon unique to Switzerland. In the UK, at least, 'going to Switzerland' has become a euphemism for AS. According to their own websites, the six right-to-die organisations assist in approximately 600 cases of suicide per year; some 150–200 of which are suicide tourists, mostly with Dignitas, in the canton of Zurich.^{11–24} As medicolegal experts at the Institute of Legal Medicine in Zurich, we are called on almost every day to examine cases of suicide tourism, and this prompted us to carry out the pilot study.

The study examines suicide tourism in the Canton of Zurich between 2008 and 2012. Our hypothesis was that the phenomenon of suicide tourism in Switzerland leads to the amendment of existing laws in foreign countries because of the political debate it stimulates. The study had three aims:

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Table 1 Right-to-die organisations in Switzerland

Organisation	Founded	Members	Membership	Conditions for AS	AS/year	Annual fee	Fee for AS
Exit DS	04/1982, Zürich	60 000	<ul style="list-style-type: none"> ▶ ≥18 years old ▶ Swiss citizen or long-term resident 	<ul style="list-style-type: none"> ▶ Hopeless prognosis ▶ Unbearable suffering ▶ Unacceptable disabilities ▶ Furthermore ▶ Mental capacity; of sound mind ▶ Wish to die is well considered and constant ▶ Not influenced by anybody else ▶ Suicide is performed by the person's own hand 	300	CHF 45 or CHF 900 life membership	None if member for at least 3 years, otherwise CHF 900
Exit A.D.M.D.	01/1982	17 700	<ul style="list-style-type: none"> ▶ ≥20 years old ▶ Swiss resident 	<ul style="list-style-type: none"> ▶ Wish to die is serious and repeated ▶ Terminal illness ▶ Constant invalidity ▶ Unbearable physical or psychological suffering 	110	CHF 40 CHF 35 for retired persons	Free of charge
Exinternational	1996, Bern	800	No detailed information about membership conditions	No detailed information about conditions for AS	n/a	Free of charge	Approximately CHF 6000
Dignitas	05/1998, Forch	5700	<ul style="list-style-type: none"> ▶ ≥18 years old ▶ Member of Dignitas or Dignitas Germany 	<ul style="list-style-type: none"> ▶ Sound judgement ▶ Terminal illness ▶ Unbearable pain ▶ Intolerable incapacitating disability 	150	CHF 80–500 depending on kind of membership	CHF 9000 or CHF 10 500 if formalities are carried out by Dignitas
SPIRIT	11/2011, Basel	n/a	<ul style="list-style-type: none"> ▶ Member of Lifecircle ▶ Corporate entity 	<ul style="list-style-type: none"> ▶ Sound judgement ▶ Terminal illness ▶ Unbearable pain ▶ Intolerable incapacitating disability 	n/a	CHF 50 or CHF 1000 for life membership	Free of charge
StHD + SterbeHilfe Deutschland	07/2012, Zurich and 10/09 Oststein-beck	310	<ul style="list-style-type: none"> ▶ ≥18 years old ▶ Resident in Switzerland or Germany 	<ul style="list-style-type: none"> ▶ Hopeless prognosis ▶ Unbearable suffering ▶ Unacceptable disability 	Approximately 30 (in Germany)	€200 or €2000 for life membership	Free of charge + refund of all fees if AS carried out

AS, assisted suicide; CHF, Swiss Franc.

- To determine selected details about AS:
 - ▶ age and gender of the suicide tourists
 - ▶ organisation involved
 - ▶ ingested substance leading to death
 - ▶ the diseases most frequently given as the reason for AS
- To find out the countries from which the suicide tourists come and to review legislation in the three main countries concerned, with a view to testing the hypothesis that suicide tourism leads to the amendment of existing laws in foreign countries.
- To compare our results with those of earlier studies in the Canton of Zurich and to discuss possible differences and developments.

METHODS

In this pilot study, we searched the databases of the investigations and postmortem examinations carried out by the Institute of Legal Medicine in Zurich, the Canton most often concerned. The Institute of Legal Medicine is responsible for the city of Zurich and for cases of Dignitas performed in Pfäffikon, a small village within the canton of Zurich. The search terms were 'assisted suicide', the names of the different right-to-die organisations such as 'dignitas' or 'exit' or 'spirit' or 'lifecircle', or 'NAP' (German abbreviation for sodium pentobarbital), 'foreigners' and 'suicide tourism'. We included all foreign residents who had been given assistance in suicide during the period 1 January 2008–31 December 2012. The cases identified were screened for gender, age, date of birth, date of death, country of residence and main diseases. This study included only information found using the Lotus Notes 8.5 computer program of the Institute of Legal Medicine in Zurich. All files will be studied using a standardised questionnaire as part of the ongoing research project.

A frequency analysis was done with Excel 2010.

We searched the internet for the existing legislation in the three countries from which most of the suicide tourists came. We followed the political debate and looked at any possible amendment of the existing laws. PubMed and MEDLINE were searched for existing scientific publications and political debates on suicide tourism.

RESULTS

Selected details of AS in the study group

Of the 611 cases included in the study, 58.5% were women (annual range 54–62%). The age ranged from 23 to 97 years, with a median of 69. [Table 2](#) shows that, after an initial decrease between 2008 and 2009, cases of suicide tourism identified in the Canton of Zurich increased from then onwards and doubled in number by 2012. Dignitas was the right-to-die organisation involved in nearly all cases; Exit was involved in only four. We did not find any cases involving other organisations or cases independent of an organisation. Ingestion of sodium pentobarbital led to death in all but four cases when inhaled helium was used to commit suicide in the spring of 2008. The underlying diseases varied considerably; [table 3](#) shows that the main reasons were neurological disease (47%), followed by cancer (37%), rheumatic and cardiovascular disease. Approximately one-third (28%) of the study group gave more than one disease as the reason for AS.

Where the suicide tourists came from, and the legislation on AS in the top three countries

Altogether, 611 cases during the study period 2008–2012 met the inclusion criteria. [Table 2](#) shows that, although suicide

tourists came from 31 different countries worldwide, most were from Europe. Nearly half came from Germany (43.9%), followed by the UK (20.6%) and France (10.8%). Over the years more countries were concerned but suicide tourism from Germany, Italy, France, the UK and the USA increased the most. Italy in particular had 10 times as many suicide tourists in 2012 as it did in 2008. Reviewing the laws in the top three countries, we found that AS is not clearly regulated in Germany. It is, however, strictly restricted in the UK and France, where existing laws have been extended in recent years.

Germany

Explicit legislation on assisted dying does not yet exist in the German criminal code.³¹ According to the Federal Medical Association's professional code of conduct, doctors are forbidden to help someone to commit suicide.³² Furthermore, under §323c of the German criminal code, it may be considered that a change of authority takes place as soon as the person committing suicide becomes unconscious. This might lead to doctors who witness a suicide and do not start resuscitation procedures being criminally liable—an ethical dilemma.³¹ In Germany, some physicians consider their ethical values higher than the law and still do help people commit suicide.²⁴ However, the Federal Medical Association does not judge ethical values higher than the current law. Nevertheless, efforts have recently been

Table 2 All cases per year and country

	2008	2009	2010	2011	2012	Total
Germany	59	37	28	67	77	268
UK	23	27	24	23	29	126
France	19	7	8	13	19	66
Italy	2	4	4	12	22	44
USA	0	0	5	9	7	21
Austria	4	3	1	2	4	14
Canada	5	0	5	0	2	12
Spain	2	0	3	1	2	8
Israel	3	2	1	1	1	8
Australia	1	0	3	1	0	5
Sweden	2	0	3	0	0	5
Netherlands	1	0	2	1	0	4
Monaco	0	0	2	1	1	4
Portugal	0	1	0	0	2	3
South Africa	0	0	0	2	1	3
Czech Republic	0	1	0	0	1	2
Denmark	0	1	0	1	0	2
Ireland	0	1	0	1	0	2
Finland	0	0	0	2	0	2
Morocco	1	0	0	0	0	1
Belgium	1	0	0	0	0	1
New Zealand	0	1	0	0	0	1
Poland	0	1	0	0	0	1
Brazil	0	0	1	0	0	1
India	0	0	0	1	0	1
Luxembourg	0	0	0	1	0	1
Zimbabwe	0	0	0	1	0	1
Greece	0	0	0	0	1	1
Croatia	0	0	0	0	1	1
Slovenia	0	0	0	0	1	1
Malaysia	0	0	0	0	1	1
Total	123	86	90	140	172	611

Table 3 Diseases given as reason for AS

Disease	Women	Men	Total
Neurological diseases			
Paralysis for vascular/neurological reasons	29	47	66
ALS/motor neurone disease	34	26	60
MS/Devic's disease	37	22	59
Parkinson's disease	17	20	37
Multisystem atrophy/progressive supranuclear palsy	9	11	20
Polyneuropathy	8	5	13
Alzheimer's disease/dementia	3	4	7
Other neurological diseases	23	12	35
Rheumatic diseases			
Pain syndrome	54	16	70
Osteoarthritis/rheumatoid arthritis	17	10	37
Osteoporosis	22	7	29
Fibromyalgia	5	0	5
Others	4	5	9
Cancer	151	76	227
Cardiovascular diseases	40	53	93
Impairment of eyesight and/or hearing	28	12	40
Chronic respiratory diseases	13	19	32
Mental illness	7	7	14
Hepatitis/cirrhosis	5	5	10
HIV/AIDS	1	7	8
Other	18	19	37

AS, assisted suicide; ALS, amyotrophic lateral sclerosis; MS, multiple sclerosis.

made to establish a legal framework for AS in Germany. A draft law, intended to create a new section in the criminal code, was published by the Ministry of Justice on 22 October 2012. This section—§217 E of the German criminal code—was supposed to penalise commercial organisations repeatedly offering assistance in suicide for gain, including annual membership fees. Advertising or giving specific information in Germany for facilitating AS abroad would also be forbidden. Relatives, friends and physicians offering assistance for compassionate reasons would remain free from prosecution.³³ An international survey among the populations of 12 countries in autumn 2012 showed that 76% of the German population rejected the draft bill.³⁴ After this first step of the legislative process, the draft bill effectively had no chance in the political discussion and failed. At present, it seems unlikely that this draft bill will be adopted into law in the foreseeable future.

The UK and Ireland

According to section 2 (1) of the Suicide Act from 1961, assisting suicide in England and Wales is punishable by up to 14 years in prison.^{25 26 27 28} This includes people who have accompanied loved ones to Switzerland in order to facilitate their AS. According to the Home Office Statistical Bulletin, 141 persons were registered by the police for assisting suicide between 1997 and 2011/2012, although the precise aid is not specified.^{35 36} In February 2010, the Director of Public Prosecutions (DPP) introduced new policy guidelines on prosecuting suicide assistance, following legal action for clarification brought by Debbie Purdy.^{37–40} Ms Purdy was diagnosed with multiple sclerosis in 1994 and wanted to know whether her husband would remain free from prosecution if he accompanied her to Switzerland to facilitate her AS.^{39 41} After the decision by the House of Lords, the DPP had to issue new guidelines. The current policy allows

assisting someone to commit suicide may be free from prosecution in certain circumstances, for example, when the decision to commit suicide was voluntary, clear, settled and informed. In addition, the person assisting had to be acting out of compassion.³⁸ Until recently, there had been no prosecutions for the offence since the introduction of the 2010 policy, but in August 2013 the wife and son of a man who wanted to commit suicide in Switzerland with the help of Dignitas were arrested.⁴² The impact of this case on the current guidelines remains to be seen. Organisations such as Dignitas and Exit are still forbidden by law.⁴³ Draft bills intending to liberalise AS were rejected in 2006 and 2009. Nevertheless, another draft bill, proposed by Lord Falconer, is in the legislative process. One of its key points is that certain conditions (eg, terminal illness, mental competence and a wish to die confirmed by two doctors) have to be met before someone receives assistance in dying, such as permission to receive a lethal drug. Lord Falconer's assisted suicide bill is currently (9 January 2013) awaiting its second reading (debate stage) in the House of Lords.⁴⁴

Scotland has no regulations or case law on AS. Depending on the specific circumstances, a person might be criminally liable for homicide if they have helped someone to commit suicide. Margo MacDonald has launched a bill to liberalise AS.²⁷ According to Peter Warren, office manager and researcher at the Scottish Parliament, this bill will be debated by the Scottish Parliament in 2014.

In Northern Ireland, aiding suicide is a criminal offence according to section 13 of the 1966 Criminal Justice Act and punishable by up to 14 years' imprisonment.²⁶ In 2010, the Public Prosecution Service for Northern Ireland issued guidelines similar to those in England and Wales.⁴⁵

In Ireland, according to the Criminal Law, the Suicide Act from 1993 2 (2) aiding someone's suicide is a criminal offence with up to 14 years' prison.²⁸ Actually a woman diagnosed with multiple sclerosis (MS) argued for the right to facilitate AS and for guidelines comparable to those from the DPP in the UK. Her arguments were appalled by the High Court and are now to be determined by the Supreme Court.³⁹

France

In France, according to Article 223, 13–15 of the penal code, inciting a person to commit suicide is punishable with up to 3 years' imprisonment, or even 5 years if the intended suicide was younger than 15 years of age.²⁹ Furthermore, two special features of French law have to be mentioned. First, similar to German law, it is considered that a change of authority takes place as soon as the person committing suicide becomes unconscious. In France as well, this might lead to the criminal liability of people who witness a suicide and do not start resuscitation procedures. Second, promoting suicide methods is forbidden by law.

A legislative process on an end-of-life law is currently underway in France.⁴⁶ The draft bill intends to liberalise physician-assisted suicide and to allow medically assisted suicide for terminally ill patients. It stipulates that a medical team can assist in ending a patient's life in certain circumstances.^{47–49}

An international survey of the populations in 12 European countries, including Germany, the UK and France, revealed that the majority of the people interviewed were in favour of legalising AS in all of the countries surveyed.³⁴

Earlier studies

Two earlier studies examined AS in the Canton of Zurich. Only one of them included suicide tourists, although without any in-depth analysis or determining any differences from Swiss

residents who committed suicide.^{50 51} As table 4 shows, not only the number of suicide tourists has increased since 2001, but also the absolute number of cases of AS in the Canton of Zurich between 2009 and 2012. In comparison with the findings of Fischer *et al*, there was a large increase in people coming from the UK, more people coming from France and slightly fewer coming from Germany. The number of countries involved has also increased since then. Their results showed that only 12.4% of the 255 suicide tourists came from a few countries other than the top three, while in our study 25% came from elsewhere, with numbers increasing from year to year to include another 28 countries worldwide.⁵¹ Table 4 also shows that we found neurological and rheumatic diseases to be more common among suicide tourists in Zurich than in the study groups of Bosshard and Fischer.^{50 51}

DISCUSSION

The present descriptive pilot study presents selected results from an ongoing research project on AS in Switzerland during the past 30 years. Our results show that not only AS but also suicide tourism has increased since 1990 and the first report with data in 2001. Regarding the selected details of suicide tourism, our results show that AS is chosen 1.4 times more often by women, a figure that is reflected in the official statistics and the two studies by Bosshard and Fischer, which showed percentages of 54.4% and 64.2%, respectively.^{50 51} The official Federal Statistics Office (FSO) figures for Switzerland show, however, that suicide in general is committed approximately 2.5 times more often by men.⁵²

The median age of the suicide tourists in our study was 69 years, an age at high risk of malignancy or chronic disease, and similar to the average age for AS resp. euthanasia found in studies from Switzerland, the USA and Belgium.^{50 53–58}

After a decrease between 2008 and 2009, the number of suicide tourists doubled between 2009 and 2012. The initial fall could be explained by negative media reporting on the four cases of AS with helium inhalation in spring 2008.^{59 60} The

deaths were described as excruciating. A detailed scientific description of video sequences of the events reported one case in which death occurred after more than 40 minutes' inhalation of helium by mask, during which time the unconscious person moaned and had episodes of eyeball movement.⁶¹

With respect to the underlying diseases, our results showed that neurological diseases were the reason for AS in nearly half of the study group. Table 4 shows that neurological diseases and rheumatic diseases increased between 1990 and 2012, while cancer became less common. These results imply that non-fatal diseases or diseases that are not yet end stage (ie, not meeting the criteria required for Swiss doctors) are more often becoming the reason for seeking AS. Our results should be interpreted carefully, however, because approximately one-third of our study group had more than one disease, while it is not clear from the earlier studies by Bosshard and Fischer whether only one disease was mentioned for each person. In addition, we examined only suicide tourists, while the other two studies included either Swiss residents alone or residents and suicide tourists.^{50 51} It is possible that suicide tourists suffer from such diseases more often than Swiss residents or that those with terminal cancer are not able to travel to a foreign country. The ongoing AS research project will show whether suicide tourists suffer more often from non-end-stage disease than Swiss residents or if non-terminal disease is increasing in all cases of AS in Switzerland.

The study found not only a clear increase in absolute numbers of suicide tourists but also in the countries from which they came. Looking at the legislation in the top three countries, political debate is to be found in all three. Our hypothesis that suicide tourism can result in the amendment of existing laws is confirmed by the examples of the UK and Germany. In the UK, the phenomenon of suicide tourism caused Debbie Purdy to bring about legal action to clarify the position regarding the prosecution of persons assisting in suicide. This case impacted jurisdiction with supplementary guidelines to the existing law in 2010, resulting in an overall liberalisation of the prosecution

Table 4 Comparison with earlier studies on AS in the Canton of Zurich

	Bosshard <i>et al</i>	Fischer <i>et al</i>	Present study
Study period	1990–2000	2001–2004	2008–2012
Cases of AS in the Canton of Zurich	331	421	950
Cases of suicide-tourism	–	255	611
Country of origin			
Germany	–	181	268
GB	–	23	126
France	–	19	66
Italy	–	na	44
USA	–	6	21
Austria	–	7	14
Other	–	19	72
Diagnosis	All AS	All AS	Suicide-tourists only (more than one disease possible for each person)
Cancer	157 (47.4%)	161 (38.2%)	227 (37.2%)
Neurological diseases	41 (12.4%)	103 (24.5%)	290 (47.4%)
Cardiovascular diseases	39 (11.8%)	49 (11.6%)	93 (15.2%)
Rheumatic diseases	33 (9.9%)	39 (9.3%)	150 (24.6%)
HIV	24 (7.3%)	2 (0.5%)	8 (1.3%)
Mental disorder (including dementia)	9 (2.7%)	12 (2.9%)	21 (3.4%)

AS, assisted suicide.

practice in the UK following assistance in suicide.^{39–62} Our results indicate a further increase in the flow of suicide tourists from the UK since the issue of these guidelines. This needs to be looked at in more depth, but it seems a possible interpretation at the present time. The increasing numbers of ‘suicide tourists’ from Germany into Switzerland and assisted dying also taking place in Germany gave rise to a draft law at the end of 2012, in which commercial suicide assistance would be punishable. As this draft is currently suspended, we have to await any further developments.³³ Should the law be passed, however, the branch in the north German city of Hannover that Dignitas has maintained since 2005 would basically be at risk because of its advertising activities. A direct impact of this draft law on Switzerland can be seen in the newly founded right-to-die organisation *SterbeHilfeDeutschland e.V.*, a satellite of the association with the same name founded in Hamburg in 2009. The founder in both cases is Roger Kusch, a former justice minister in Hamburg. He told the media that he wanted to establish his organisation on legally firm ground: should suicide assistance in Germany become prohibited, he would then be forced to offer his German members suicide assistance in Switzerland.^{63–64} We have not found any direct effects of suicide tourism on the legislation in France in recent years. Even so, there have been drives to liberalise AS following the change of government.^{47–49} It remains to be seen whether the number of French suicide tourists will change after a possible liberalisation, and this will be discussed after completion of the ongoing research project.

The number of suicide tourists from Italy increased tenfold over our study period. We can only speculate on the reasons for this upsurge: one possibility is that the death of Eluana Englaro in 2009 and the preceding political debate on life-sustaining measures made it clear to many Italians that liberalisation of AS was not at all likely in their country in the foreseeable future.⁶⁵

CONCLUSIONS

The phenomenon of suicide tourism has been growing over the years and is still increasing unabated. Compared with the two earlier studies, our results showed an increasing proportion of neurological and rheumatic diseases diagnosed among the suicide tourists. This implies that non-fatal diseases are increasing among suicide tourists and probably also among Swiss residents, although potential suicide tourists with a terminal illness might not be able to travel to a foreign country. We intend to investigate this aspect further. On the whole, we found no differences in age and gender between the suicide tourists in our study and the cases of AS in earlier studies from the Canton of Zurich or from other countries where AS is legalised.

The phenomenon of suicide tourism unique to Switzerland can indeed result in amendment or supplementary guidelines to existing regulations in foreign countries, as shown by our examples of the top three countries from which suicide tourists travelled. Political debate in Switzerland and other countries is continuing, with the possibility of further amendments in the near future, in both Switzerland and elsewhere, unless Switzerland issues clear and structured regulations on suicide tourism. The ongoing project *Assisted suicide in Switzerland—Development over the last 30 years* will furnish an in-depth analysis of AS in Switzerland in general and may provide a scientific basis for a generalised procedure in Switzerland, including suicide tourism.

Transparency declaration The lead author affirms that the manuscript is an honest, accurate and transparent account of the study being reported; no important

aspects of the study have been omitted; no discrepancies from the study as planned exist.

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Ethics approval As part of the Swiss National Science Foundation project, *Assisted Suicide in Switzerland—Development over the last 30 years*, the pilot study was approved by the Eidgenössische Expertenkommission für das Berufsgeheimnis in der medizinischen Forschung (Federal expert committee for professional confidentiality in medical research).

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REFERENCES

- Schweizerische Eidgenossenschaft. Schweizerisches Strafgesetzbuch SR311, Art. 115. http://www.admin.ch/ch/d/sr/311_0/a115.html (accessed 3 May 2013).
- SAMW Swiss Academy of Medical Science: Guidelines: End-of-life-care. 2004. <http://www.samw.ch/en/Ethics/Guidelines/Currently-valid-guidelines.html> (accessed 11 Mar 2014).
- SAMW Swiss Academy of Medical Science. Probleme bei der Durchführung von ärztlicher Suizidhilfe—Stellungnahme der Zentralen Ethikkommission (ZEK) der SAMW. 20 January 2012. <http://www.samw.ch/de/Ethik/Lebensende.html> (accessed 11 Jul 2013).
- Schweizerische Eidgenossenschaft: Bundesgesetz über Arzneimittel und Medizinprodukte (Heilmittelgesetz, HMG). <http://www.admin.ch/opc/de/classified-compilation/20002716/index.html> (accessed 5 Dec 2013).
- Schweizerische Eidgenossenschaft: Bundesgesetz über die Betäubungsmittel und die psychotropen Stoffe (Betäubungsmittelgesetz, BtmG). <http://www.admin.ch/opc/de/classified-compilation/19981989/index.html> (accessed 5 Dec 2013).
- European Court of Human Rights—Second Section Case of Gross v. Switzerland (Application no.67810/10- Judgement, Strassbourg. 14 May 2013. [http://hudoc.echr.coe.int/sites/fra/pages/search.aspx?i=001-119703#\[{"itemid":\["001-119703"\]}\]\]](http://hudoc.echr.coe.int/sites/fra/pages/search.aspx?i=001-119703#[{) (accessed 2 Aug 2013).
- Schweizerische Eidgenossenschaft: Palliative Care, Suizidprävention und organisierte Suizidhilfe. Bericht des Bundesrats, Bern, Juni 2011. <http://www.ejpd.admin.ch/content/dam/data/gesellschaft/gesetzgebung/sterbehilfe/ber-br-d.pdf> (accessed 17 Jul 2013).
- Bericht der Arbeitsgruppe Sterbehilfe an das eidgenössische Justiz- und Polizeidepartement. März 1999. <http://www.ejpd.admin.ch/content/dam/data/gesellschaft/gesetzgebung/sterbehilfe/b-bericht-d.pdf> (accessed 11 Jul 2013).
- “Volksinitiative Nein zum Sterbetourismus im Kanton Zürich”. http://www.wahlen.zh.ch/abstimmungen/initiativen/initiativen_detail.php?id=41 (accessed 2 May 2013).
- Auszug aus dem Protokoll des Regierungsrates des Kantons Zürich. Sitzung vom 12.07.2013. KR Nr. 65/2013. <http://www.kantonsrat.zh.ch/Dokumente/D2525a48a-1ddb-4e0a-84d2-7db96c1e960a/R13065.pdf#View=Fit> (accessed 12 Jul 2013).
- Exit deutsche Schweiz. At one Glance. http://www.exit.ch/wEnglish/2110002/exit_auf_einen_blick.php?navanchor=2110029 (accessed 18 Jan 2013).
- Exit deutsche Schweiz. FAQ. <http://www.exit.ch/wEnglish/2110006/FAQ.php?navanchor=2110011> (accessed 18 Jan 2013).
- Exit Vereinigung für humanes Sterben deutsche Schweiz. Info 1.12. <http://www.exit.ch/wDeutsch/2110010/pdf/EXIT1201D.pdf> (accessed 31 Jan 2013).
- Exit A.D.M.D. Conditions pour obtenir une assistance au suicide. <http://www.exit-geneve.ch/conditions.htm> (accessed 18 Jan 2013).
- Exit A.D.M.D. Annual report 2011. http://www.exit-geneve.ch/stat/EXIT_2011_assistances.pdf (accessed 18 Jan 2013).
- Dignitas. Articles of Association. 3 June 2011. http://www.dignitas.ch/index.php?option=com_content&view=article&id=11&Itemid=52&lang=en (accessed 18 Jan 2013).
- Dignitas Germany- Information brochure. http://www.dignitas.ch/index.php?option=com_content&view=article&id=45&Itemid=79&lang=de (accessed 8 Mar 2013).

- 18 Dignitas. *How Dignitas Works—On what philosophical principles are the activities of this organisation based?* 1st edn. June 2010. <http://www.dignitas.ch/images/stories/pdf/so-funktioniert-dignitas-e.pdf>
- 19 Dignitas. Members of Dignitas by countries of residency. <http://www.dignitas.ch/images/stories/pdf/statistik-mitglieder-wohnsitzstaat-31122012.pdf> (accessed 8 Mar 2013).
- 20 Dignitas. Accompanied Suicide by members of Dignitas by year, country and residency. <http://www.dignitas.ch/images/stories/pdf/statistik-ftb-jahr-wohnsitz-1998-2012.pdf> (accessed 8 Mar 2013).
- 21 Lifecircle / SPIRIT Freitodbegleitung. http://www.lifecircle.ch/pdf/SPIRIT_Freitodbegleitung.pdf (accessed 18 Jan 2013).
- 22 SterbeHilfeDeutschland / StHD. Press release from 01.01.2013. http://www.sterbehilfedeutschland.de/sbgl/files/PDF/2013-01-01_PE.pdf (accessed 23 Jan 2013).
- 23 SterbeHilfeDeutschland / StHD. Vereinsstatuten. http://www.sterbehilfedeutschland.de/sbgl/files/PDF/2012-08-10_Statuten_StHD.pdf (accessed 23 Jan 2013).
- 24 Kusch R, Spittler JF. Weissbuch 2012. In: *SterbeHilfeDeutschland e.V. Schriftenreihe Band 4*. 2012. ISBN978-3-8448-2335-6
- 25 The Suicide Act 1961. <http://www.legislation.gov.uk/ukpga/Eliz2/9-10/60/section/2> (accessed 13 Mar 2013).
- 26 Criminal Justice Act Northern Ireland 1966. <http://www.legislation.gov.uk/apni/1966/20> (accessed 3 May 2013).
- 27 McDonald M. Assisted Suicide Scotland Bill. http://www.scottish.parliament.uk/S4_MembersBills/Final_version_as_lodged.pdf (accessed 14 Mar 2013).
- 28 Criminal Law (Suicide) Act, 1993. <http://www.irishstatutebook.ie/1993/en/act/pub/0011/sec0002.html#sec2> (accessed 3 May 2013).
- 29 Legifrance. Code pénal, Article 223-13. http://www.legifrance.gouv.fr/affichCode.do;jsessionid=3717AECC7234CFE52F257C590E823B55.tpdjo13v_3?idSectionTA=LEGISCTA000006165292&cidTexte=LEGITEXT000006070719&dateTexte=20130503 (accessed 3 May 2013).
- 30 Dispositivo dell art.580580 Codice Penal. <http://www.brocardi.it/codice-penale/libro-secondo/titolo-xiii/capo-ii/art580.html> (accessed 15 Nov 2013).
- 31 Deutsches Strafgesetzbuch. Ausfertigungsdatum 15.05.1871; zuletzt geändert am 21.01.2013. <http://www.gesetze-im-internet.de/bundesrecht/stgb/gesamt.pdf> (accessed 8 Mar 2013).
- 32 Musterberufsordnung für die in Deutschland tätigen Ärztinnen und Ärzte—MBO-Ä-1997- in der Fassung der Beschlüsse des 114. Deutschen Ärztetags 2011 in Kiel. http://www.bundesaerztekammer.de/downloads/MBO_08_20111.pdf (accessed 8 Mar 2013).
- 33 Gesetzentwurf der Bundesregierung—Entwurf eines Gesetzes zur Strafbarkeit der gewerbsmäßigen Förderung der Selbsttötung vom 22.10.2012. http://www.bmj.de/SharedDocs/Downloads/DE/pdfs/RegE_Gesetzes_zur_Strafbarkeit_der_gewerbsmae%C3%9Figen_Foerderung_der_Selbsttoetung.pdf?__blob=publicationFile (accessed 8 Mar 2013).
- 34 Isopublic. Assisted suicide in the view of Europeans. http://www.medizinalrecht.org/wp-content/uploads/2013/03/Meinungsumfrageergebnisse_Selbstbestimmung_am_Lebensende.pdf (accessed 11 Jul 2013).
- 35 Crime in England and Wales 2010/11. Findings from the British Crime Survey and police recorded crime (2nd edition). Home Office statistical Bulletin. 2011. https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/116417/hosb1011.pdf (accessed 3 May 2013).
- 36 Crimes detected in England and Wales 2011/12 (1st edition). Home Office statistical Bulletin. 2012. https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/116435/hosb0812.pdf (accessed 5 Mar 2013).
- 37 The Crown Prosecution Service: Assisted Suicide. http://www.cps.gov.uk/publications/prosecution/assisted_suicide.html (accessed 3 May 2013).
- 38 Director of Public Prosecutions. *DPP, Policy for Prosecutors in respect of Cases of Encouraging of Assisting Suicide*. London: Crown Prosecution Service, 2010. http://www.cps.gov.uk/publications/prosecution/assisted_suicide_policy.pdf (accessed 13 Mar 2013).
- 39 Liddane N. Abandoned to principle: an overview of the law on euthanasia & assisted suicide in the UK and Ireland & the case for reform. *Cork Online Law Review* 2013;12:79–103.
- 40 Greasley K. R. Purdy v DPP and the Case for Wilful Blindness. *Oxf J Leg stud* 2010;30:301–26.
- 41 Purdy D, Leedham W. A. Patient's Journey—Multiple sclerosis. *BMJ* 2009;339:1249–56.
- 42 Salkeld Luke. Wife and son arrested for 'planning to fly her husband to Switzerland to help him commit assisted suicide' at Dignitas clinic. Daily Mail Online 18 March 2013. <http://www.dailymail.co.uk/news/article-2396490/Wife-son-arrested-planning-fly-man-Switzerland-help-commit-assisted-suicide.html#ixzz2gb1eneLb> (accessed 2 Oct 2013).
- 43 Rehmann-Sutter C, Hagger L. Organised Assistance to Suicide in England? *Health Care Anal* 2013;21:85–104.
- 44 Parliament UK. Assisted Dying Bill [HL] 2013–14. <http://services.parliament.uk/bills/2013-14/assisteddying.html> (accessed 9 Jan 2014).
- 45 Public Prosecution Service for Northern Ireland. Policy on prosecuting the offence of assisted suicide. <http://www.ppsni.gov.uk/SiteDocuments/PPS%20Press%20Office/Policy%20on%20Prosecuting%20the%20offence%20of%20Assisted%20Suicide.pdf> (accessed 3 May 2013).
- 46 Assemblée Nationale Dossier les droits des patients en fin de vie. http://www.assemblee-nationale.fr/14/dossiers/droits_patients_fin_vie.asp#ETAPE298081 (accessed 2 Oct 2013).
- 47 Stafford N. France could soon have draft law on assisted suicide for terminally ill people. *BMJ* 2012;345:e8644. <http://www.bmj.com/content/345/bmj.e8644> (accessed 11 Jul 2013).
- 48 France24. France opens the door to medically assisted suicide. France 24 international news 19.12.2012. <http://www.france24.com/en/20121219-france-medically-assisted-suicide-euthanasia-healthcare-reform-hollande> (accessed 3 May 2013).
- 49 Schadenberg A. France government ethics committee rejects the legalization of assisted suicide. Lifesite News. 4 July 2013. <http://www.lifesitenews.com/blog/france-government-ethics-committee-rejects-the-legalization-of-assisted-sui> (accessed 11 Jul 2013).
- 50 Bosshard G, Ulrich E, Bär W. 748 cases of suicide assisted by a Swiss right-to-die-organisation. *Swiss Med Wkly* 2003;133:310–17.
- 51 Fischer S, Huber CA, Imhof L, et al. Suicide assisted by two Swiss right-to-die organisations. *J Med Ethics* 2008;34:810–14.
- 52 Schweizerische Eidgenossenschaft—Bundesamt für Statistik. Todesursachenstatistik 2009. *Bfs Aktuell* 2012;14.
- 53 Federal Administration of Swiss statistics. Krebsregister 2006–2010. <http://www.bfs.admin.ch/bfs/portal/de/index/themen/14/02/05/key/01/03.html> (accessed 11 Jul 2013).
- 54 Nowossadeck E. Demografische Alterung und Folgen für das Gesundheitswesen. Hrsg. Robert Koch-Institut Berlin, GBE kompakt 2012; 3(2). <http://www.rki.de/gbe-kompakt> (accessed 11 Jul 2013).
- 55 Oregons Death With Dignity Act 2012. <http://public.health.oregon.gov/ProviderPartnerResources/EvaluationResearch/DeathwithDignityAct/Pages/ar-index.aspx> (accessed 26 Apr 2013).
- 56 Dutch regional euthanasia review committees- annual report 2011. http://www.euthanasiecommissie.nl/Images/RTE.IV2011.ENGELS.DEF_tcm52-33587.PDF (accessed 30 Apr 2013).
- 57 Washington State Department of Health 2012 Death with Dignity Act Report—Executive Summary. <http://www.doh.wa.gov/portals/1/Documents/Pubs/422-109-DeathWithDignityAct2012.pdf> (accessed 31 Jul 2013).
- 58 Commission Fédérale de Contrôle et d'évaluation de l'euthanasie. Cinquième rapport aux chambres législatives (Années 2010–2011). <http://www.health.belgium.be/eportal/Healthcare/Consultativebodies/Commissions/Euthanasia/Publications/index.htm> (accessed 30 Apr 2013).
- 59 Spiegel online. Neue Dignitas- Methode: Sterbehilfe mit dem Plastiksack. 18 March 2008. <http://www.spiegel.de/panorama/neue-dignitas-methode-sterbehilfe-mit-dem-plastiksack-a-542207.html> (accessed 26 Apr 2013).
- 60 DailyMailOnline. Euthanasia group Dignitas films gas and plastic bag deaths- 19 March 2008. <http://www.dailymail.co.uk/news/article-539929/Euthanasia-group-Dignitas-films-gas-plastic-bag-deaths.html#ixzz2S7oNQHIM> (accessed 2 May 2013).
- 61 Ogden RD, Hamilton WK, Whitcher C. Assisted suicide by oxygen deprivation with helium at a Swiss right-to-die organization. *J Med Ethics* 2010;36:174–9.
- 62 Shaw J. Fifty years on: against the stigmatising myths, taboos and traditions embedded within the Suicide Act 1961 (UK). *J Law Med* 2011;18:798–810.
- 63 Tagesanzeiger.ch. Verein Sterbehilfe Deutschland gründet einen Sitz in Zürich. 14 September 2012. <http://www.tagesanzeiger.ch/zuerich/stadt/Verein-Sterbehilfe-Deutschland-gruendet-einen-Sitz-in-Zuerich/story/12545149> (accessed 31 Jul 2013).
- 64 Tagesanzeiger.ch. Der Zürcher Verein ist unser Schutzschild. 1 October 2013. <http://www.tagesanzeiger.ch/zuerich/stadt/Der-Zuercher-Verein-ist-unser-Schutzschild/story/27454747>
- 65 Moreschi C, Da Broi U, Freoldi R, et al. The Eluana Englaro Case: cause of death after the withdrawal of artificial nutrition and hydration in a subject in a permanent vegetative state and with quadriplegia. *Forensic Sci Int* 2013;231:24–9.



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