

This response was submitted to the call for evidence issued by the Nuffield Council on Bioethics' Working Party on Cosmetic procedures. Responses were gathered from 11 January to 18 March 2017. The views expressed are solely those of the respondent(s) and not those of the Council.

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# NUFFIELD COUNCIL<sup>ON</sup> BIOETHICS

## **Cosmetic procedures: ethical issues**

### **Call for evidence**

**11 January 2016**

**(Closing date: 18 March 2016)**

## Introduction

The availability and use of invasive cosmetic procedures, both surgical and non-surgical, to enhance or 'normalise' appearance has grown significantly in recent decades: both in terms of the number of procedures on offer and the numbers of people who choose to undergo them. The Nuffield Council on Bioethics has established a working party to explore the ethical issues that arise in connection with this increasing access to cosmetic procedures.

The working party would like to hear from as many people and organisations as possible who have an interest in cosmetic procedures, and this call for evidence is open to anyone who wishes to respond. In addition to the call for evidence, we will be using a variety of consultative methods to ensure that we hear from a diverse range of people with personal or professional experience of cosmetic procedures, or opinions about the impact of the growing availability of such procedures on social attitudes to appearance. Please [contact us](#) if you would like to be kept up-to-date with opportunities to contribute, or to alert us to other people or organisations who would be interested in knowing about this project.

When responding to this call for evidence, feel free to answer as many, or as few, questions as you wish, and please use the 'any other comments' section to contribute any opinions or evidence that do not fit elsewhere. Where possible, please explain the reasons behind your responses, and the evidence or experience on which you are basing them, as this is more useful to the working party than simple yes/no answers.

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## Definitions and aims

There are no clearly agreed definitions as to what constitutes a cosmetic procedure. Even in surgical procedures, it is not always straightforward to draw clear dividing lines between reconstructive or therapeutic procedures and those undertaken for cosmetic purposes: breast reconstructions after mastectomy, for example, are essentially undertaken for aesthetic reasons, rather than because they are medically necessary; and procedures regarded as 'cosmetic' may also be necessary after bariatric surgery.

People seeking cosmetic procedures may do so in order to enhance their appearance in accordance with prevailing beauty norms (for example in seeking breast augmentation, facelifts, and liposuction, or in the routine use of dental braces for children), or alternatively in order to 'normalise' their appearance (for example when seeking surgery for prominent ears). Less routine examples of procedures offered include: limb-lengthening surgery, the removal of additional fingers or toes, and gender reassignment procedures. The desire to be 'more beautiful' or look 'more normal' may also be underpinned by the hope that changes in appearance will lead to greater happiness, or greater success.

For non-surgical procedures, it is difficult to draw clear dividing lines between everyday beauty routines and procedures that span the beauty/clinical divide, such as chemical peels, laser treatments, skin-whitening treatments, dermal fillers and botulinum toxin ('Botox'). Further distinctions arise between these procedures and other methods used to change appearance, such as tanning, piercing and tattooing, which are not ordinarily described as cosmetic procedures.

### Questions 1-3

#### 1. What, in your view, counts as a 'cosmetic procedure'?

We used a working definition of 'a procedure to improve a part of a person's appearance' when recruiting participants for our study. This is not wholly satisfactory, but we felt it was open enough to capture a range of procedures and experiences. We reject any narrower definitions that align it with 'beauty standards' or idealized looks, because our extensive evidence refutes this focus.

#### 2. What do you see as the underlying aim of cosmetic procedures (a) from the perspective of those seeking a procedure and (b) from the perspective of those providing procedures? How does this differ for different social groups?

As above, recipients are seeking to modify an aspect of their bodily appearance, but for a range of different motives. We classified our participants into four groups based on motivation:

Correction – mostly young people seeking procedures like ear pinning, nose reshaping, breast surgery to correct what were regarded as 'abnormalities'

Investment – only a minority group, these patients sought 'fashionable' procedures such as breast enlargement or face-shaping surgeries, where a valued part of the outcome

was as a display of status, wealth, or of investment in one's own body for particular anticipated outcomes (a better job, for example)

Repair – for bodies that have undergone change or trauma, such as through childbirth or weight loss procedures. Also included scar removal/reduction

Anti-ageing – including hair transplants, facial procedures.

The motives of providers need to be divided into specific categories: surgeons in our study expressed a desire to help their patients to achieve their desire outcomes, and considerable pride in their work, though they were sometimes sensitive about the way that cosmetic work is trivialised. But in other cases, where cosmetic procedures are seen as 'cutting edge' there was also pride in advancing medical science more generally. Commercial clinics are, of course, also motivated by financial gain (as are some surgeons).

**3. Most people use their clothes, hairstyle, and make up to beautify themselves. Does it make a difference when appearance is altered through biomedical or surgical procedures?**

Question is vague – “a difference” to whom? In our study, cosmetic procedures are highly normalized in some countries – South Korea is a striking example.

## Increasing demand for cosmetic procedures

While there are no authoritative figures on the number of surgical or non-surgical procedures carried out in the UK or elsewhere, it is clear from the limited statistics available that the number of cosmetic procedures carried out has grown considerably in recent decades.<sup>1</sup> Although it remains the case that the majority of people undergoing procedures are women, the ratio of men to women having procedures has remained constant as the numbers choosing procedures has grown (men continuing to make up around a tenth of all those undertaking procedures).<sup>2</sup> Research exploring the factors that motivate people to undertake cosmetic procedures has highlighted both societal factors (such as the pressure to look young, media and celebrity influence, and seeking to confirm to cultural or social ideals),<sup>3</sup> and intrapersonal factors (such as body dissatisfaction and impact on self-esteem, teasing, and experience of family and friends).<sup>4</sup>

There is less research evidence exploring the reasons underpinning the radical *growth* in use of cosmetic procedures. Suggested explanations include increasing affordability; technological change making more procedures available; the pervasiveness of celebrity culture; the development of digitally manipulated photographs (leading to ever-more unrealistic representations of beauty); the rise in the use of social media (including the trend of postings ‘selfies’ online) and self-monitoring apps; and easier access to pornography depicting unrealistic images of what is normal or desirable.<sup>5</sup> In the context of the UK, these proposed explanations are also embedded in a society where body image is poor compared with other countries.<sup>6</sup>

The substantial increase in the number of cosmetic procedures performed has led to some commentators to argue that these procedures are becoming ‘normalised’: that is, that both cosmetic surgery, and invasive non-surgical procedures such as the use of injectable fillers and Botox, are increasingly perceived as routine, rather than exceptional, ways of changing one’s appearance.<sup>7</sup> This perception has, in turn, led to concerns that what is regarded as a desirable, or even acceptable, appearance may become increasingly narrow, increasing pressure on those whose appearance does not conform to these norms, and reinforcing stereotypes with respect to factors such as age, gender, sexuality, race, ethnicity, class, disability, and disfigurement.<sup>8</sup> It is also argued that the risks involved are increasingly likely to be overlooked or downplayed, if having a procedure is seen as something ‘normal’ or ‘routine’.<sup>9</sup> In contrast, others take the view that the increasing use of cosmetic procedures should be seen as positive and empowering: enabling people to access procedures to change aspects of their appearance that they do not like, or that cause them distress.<sup>10</sup>

### Questions 4-8

#### 4. **What do you think are the main drivers generating the increasing demand for cosmetic procedures, both surgical and non-surgical?**

See answers to Q2 on motives for undertaking cosmetic procedures. The whole issue of “increasing demand” needs careful handling, as data is notoriously unreliable, often used to promote the industry (when it is not being used to demonize patients). Clearly, there is a greater availability of information about procedures, a reducing in price (and

credit increasingly available), and more media exposure (though this includes both positive and negative accounts). New procedures are being developed and made available.

5. **Do you think it is becoming more routine to undertake cosmetic procedures? If so, in your view, does this raise any ethical issues?**

Depends on who it is “more routine” for. It is more available/accessible, more affordable, and there is more information available about risks as well as outcomes. It might be argued that the procedures have been “democratized”

6. **How (if at all) does the increasing availability and use of cosmetic procedures affect social norms generally: for example with respect to assumptions about age, gender, race, disability etc (see above)?**

This is a very complicated set of issues, and it is important not to blame cosmetic surgery for broader changes in “social norms”, for example around ageing. To the extent that such norms exist and are changing, cosmetic surgery can contribute to and challenge such changes – in the case of ageing, there is a broader transformation in understandings of bodily ageing vis-à-vis “social ageing”, for example.

7. **Are some motivations for having a cosmetic procedure ‘better’ than others? If so, what are they, and who should judge?**

The question of who is to judge is central here! Professional bodies such as BAAPS are keen to legitimize their role as “responsible providers” who can therefore make such judgements, but they are clearly compromised by commercial pressures and by the protection of their professional identities. Again, there is a tendency to belittle patients’ decision-making capabilities, which was not borne out in our own research (see below).

8. **Do you have any thoughts about, or experience of, the ways in which cosmetic procedures are advertised, marketed or promoted in the UK?**

Marketing and sales techniques would benefit from some regulation, though it is important not to fall into the trap of assuming that patients are passive “victims” easily seduced by advertising. In our study, potential patients undertook extensive research over an extended period, making use especially of social media (where they could access other patients’ accounts less filtered by providers).

## The supply and regulation of cosmetic procedures

A number of features of cosmetic procedures raise particular challenges for regulation, when compared with 'therapeutic' interventions:

- Cosmetic treatments will usually be initiated by the patient/consumer, rather than proposed by a health professional after a diagnosis. This may affect the nature of the consent process. It also raises questions as to the professional's responsibilities if they believe the procedure is not in the patient's best interests, or if there are other less invasive ways that patients/consumers might be able to achieve their goals.
- Most cosmetic procedures are provided by the private sector, rather than the NHS. Information accessed by patients/consumers will often be in the form of marketing material, rather than 'patient information', and people may feel a degree of pressure to go ahead with treatment.
- Outcomes may be more subjective: a professional may regard a treatment as 'successful', while the patient may feel disappointed that their expectations have not been met.

Over the past decade, there have been a number of expert inquiries in the UK looking into the way cosmetic procedures, in particular surgical procedures, are regulated,<sup>11</sup> culminating in the 2013 *Review of the regulation of cosmetic interventions* (the Keogh report) commissioned by the English Department of Health.<sup>12</sup> Repeated concerns raised include issues of patient safety (particularly with reference to the quality of implants and injectable fillers); the training and qualifications of those providing procedures; and the quality of information available to potential patients, both with respect to the risks and likely outcomes of procedures, and with respect to choice of practitioner.

The Keogh report highlighted the absence of any standards of accredited training for those providing non-surgical procedures, whether health professionals, such as doctors, nurses, or dentists; or others, such as beauty therapists. The report recommended the development of such standards, accompanied by compulsory registration of all practitioners providing cosmetic procedures, with the aim of ensuring that only practitioners who had acquired the necessary qualifications to achieve registration should be allowed to practise. The Department of Health's response did not accept the need for such a registration system, but promised to explore other legislative options, including a possible role for health professionals taking a supervisory role with respect to some cosmetic procedures carried out by non-health professionals.<sup>13</sup>

In the light of other recommendations made in the Keogh review, there has been considerable activity by regulatory and educational bodies in the past two years, with a particular focus on defining standards for those providing cosmetic procedures (whether clinically qualified or not), and making it easier for patients to identify appropriately qualified practitioners and to make informed choices:

- Health Education England has been commissioned by the Department of Health to develop accredited qualifications for providers of non-surgical procedures, and its final report, including implementation proposals, was published in January 2016.<sup>14</sup>

- The General Medical Council (GMC) is developing a system of ‘credentialing’ so that doctors with a credential in a particular field of practice, such as cosmetic practice, can have this recorded in their entry on the medical register.<sup>15</sup> The GMC has also issued draft ethical guidance for all doctors who offer cosmetic procedures.<sup>16</sup>
- The Royal College of Surgeons has established a Cosmetic Surgery Interspecialty Committee (CSIC) with a remit to develop standards for training and certification across the range of specialties offering cosmetic surgery; develop high quality patient information; and develop clinical outcome measures.<sup>17</sup>

Particular regulatory issues may arise with respect to access to cosmetic procedures by children and young people, or by others regarded as vulnerable in some way, such as people with body dysmorphic disorder (BDD). With respect to children, while parents are legally entitled to provide consent for their children’s medical treatment, their authority to provide consent for invasive procedures undertaken for cosmetic purposes is more uncertain. Comparisons may be drawn with other areas of regulation, such as the *Tattooing of Minors Act 1969* which specifically prohibits practitioners from tattooing persons under the age of 18.<sup>18</sup> Similar regulations apply to the use of sunbeds by children and young people under the age of 18, other than when under medical supervision.<sup>19</sup>

### Questions 9-15

9. **Do you think that people seeking cosmetic procedures are ‘patients’ or ‘consumers’, neither, or both?**

As with many areas of healthcare today – arguably all of them – most people are hybrids, so we tend to use the term patient-consumer. Their practices are not fully reducible to the term consumer, but they are not patients in the traditional sense. This is not unique to the cosmetic sector, however. The notion of patient choice has already taken us quite a long way down this path, as of course has the privatization and marketization of healthcare more generally.

10. **What information should be made available to those considering a procedure?**

Outcomes, recovery periods, likely complications, follow-on requirements, information on the practitioner carrying out the procedure, price and availability, other comparable options, patient experiences

11. **Are there (a) any people or groups of people who should not have access to cosmetic procedures or (b) any circumstances in which procedures should not be offered?**

Don’t know

12. **To what extent should parents be allowed to make decisions about cosmetic procedures for their children?**

Don’t know

13. **Should there be any guidelines or regulation on who can provide non-surgical cosmetic procedures?**

This is a varied market, from totally non-invasive procedures to some that are more invasive and/or carry potential risks (eg tanning salons). Regulation needs to be equally varied.



**14. What are the responsibilities of those who develop, market, or supply cosmetic procedures?**

The responsibility to ensure that procedures are safe and appropriate. The PIP case showed this to be sadly lacking.

**15. Do you believe that current regulatory measures for cosmetic procedures are appropriate, too lax, or too restrictive?**

As the PIP issue showed, regulation is needed, but is difficult to implement. Regulation needs to be developed with patients, rather than assuming they are either victims or to blame. The PIP scandal began to mobilise patients' groups in this field, and rather than dismissing or demonizing these, the providers should work with them to understand their perspectives. It is totally unacceptable that some clinics sold breast implants off cheaply once the MHRA finally declared them unsafe. It is totally unacceptable that some of these clinics declared bankruptcy instead of arranging for patients with PIP implants to have them replaced. Clinics should be forced to insure against such eventualities so that patients on low incomes are protected.

## Different parts of the body

The latest statistics from the British Association of Aesthetic Plastic Surgeons (BAAPS) highlight how fashions in cosmetic procedures may change, with people choosing treatment in 2014 showing more interest in “subtle understated” procedures such as eyelid surgery, facelifts and fat transfers, accompanied by a significant drop in the number of breast augmentations.<sup>20</sup> A further area of change relates to the extension of cosmetic procedures to more body parts, such as the growing interest in female genital cosmetic surgery,<sup>21</sup> buttock augmentation,<sup>22</sup> and penis enlargements.<sup>23</sup> While such procedures are becoming increasingly popular, they sometimes elicit different responses from those generated by longer-established procedures, such as those undertaken on the face, abdomen or breasts.<sup>24</sup>

### Questions 16-18

16. **Thinking of cosmetic procedures, are there some parts of the body that are more problematic than others? If so, can you explain why?**

Don't know

17. **The *Female Genital Mutilation Act 2003* prohibits the excision or mutilation of “any part of a girl’s [or woman’s] labia majora, labia minora or clitoris”, unless this is held to be necessary for her physical or mental health. What are the implications of the Act for female genital cosmetic surgery?**

Don't know

18. **Thinking of genital procedures more broadly, are there any distinctive ethical issues, including gender issues, that do not apply to other parts of the body?**

Don't know

## **Any other comments?**

Please highlight any relevant areas you think we have omitted, or any other views you would like to express about the ethical issues arising in connection with cosmetic procedures.

## References

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- 1 See, for example, the 2010 Mintel market intelligence report on cosmetic surgery, which highlighted that the value of the cosmetic sector in the UK had risen from £720 million in 2005 to £2.3 billion in 2010, and was estimated to grow to a value of £3.6 billion by 2015 (cited in: Department of Health (2013) *Review of the regulation of cosmetic interventions*, available at: <https://www.gov.uk/government/publications/review-of-the-regulation-of-cosmetic-interventions>). The British Association of Aesthetic Plastic Surgeons (BAAPS) collects its own figures on the number of procedures carried out by surgeons who are members of the Association, with figures rising from 16,367 procedures in 2004 (see: The British Association of Aesthetic and Plastic Surgeons (24 January 2005) *British Association of Aesthetic Plastic Surgeons announce annual audit results*, available at: <http://baaps.org.uk/about-us/audit/779-british-association-of-aesthetic-plastic-surgeons-announce-annual-audit-results>) to 45,506 in 2014 (see: The British Association of Aesthetic and Plastic Surgeons (26 January 2015) *Tweak not tuck*, available at: <http://baaps.org.uk/about-us/audit/2040-auto-generate-from-title>). The 2014 figures in fact showed the first annual *decrease* (down 9% from 2013) after a decade of increases, a change ascribed to a 'post-austerity' boom in 2013 leading to double-digit rises, now "returning to a more rational level."
- 2 91% of procedures carried out by members of the British Association of Aesthetic Plastic Surgeons in 2014 were on women, and this ratio between men and women seeking procedures has remained constant over a number of years. See: The British Association of Aesthetic and Plastic Surgeons (26 January 2015) *Tweak not tuck*, available at: <http://baaps.org.uk/about-us/audit/2040-auto-generate-from-title>.
- 3 See, for example, Hurd Clarke L, and Griffin M (2007) The body natural and the body unnatural: beauty work and aging *Journal of Aging Studies* **21(3)**: 187-201; Swami V (2009) Body appreciation, media influence, and weight status predict consideration of cosmetic surgery among female undergraduates *Body Image* **6(4)**: 315-7; Menzel J, Sperry S, Small B *et al.* (2011) Internalization of appearance ideals and cosmetic surgery attitudes: a test of the tripartite influence model of body image *Sex Roles* **65(7-8)**: 469-77; and Nabi RL, and Keblusek L (2014) Inspired by hope, motivated by envy: comparing the effects of discrete emotions in the process of social comparison to media figures *Media Psychology* **17(2)**: 208-34.
- 4 See, for example, Markey CN, and Markey PM (2009) Correlates of young women's interest in obtaining cosmetic surgery *Sex Roles* **61(3-4)**: 158-66; Goodman MP, Placik OJ, Benson III RH *et al.* (2010) A large multicenter outcome study of female genital plastic surgery *The Journal of Sexual Medicine* **7(4)**: 1565-77; Eriksen S, and Goering S (2011) A test of the agency hypothesis in women's cosmetic surgery usage *Sex Roles* **64(11-12)**: 888-901; and Tranter B, and Hanson D (2015) The social bases of cosmetic surgery in Australia *Journal of Sociology* **51(2)**: 189-206.
- 5 Department of Health (2013) *Review of the regulation of cosmetic interventions*, available at: <https://www.gov.uk/government/publications/review-of-the-regulation-of-cosmetic-interventions>, paragraphs 1.5-1.6, citing research commissioned from Creative Research Ltd. with the general public, GPs, and teenagers.
- 6 See: YouGov (21 July 2015) *Over a third of Brits are unhappy with their bodies*, available at: <https://yougov.co.uk/news/2015/07/21/over-third-brits-unhappy-their-bodies-celebrity-cu/>. This survey indicates that 37% of British people were not very happy or not happy at all with their body image and weight. The highest rate of positive body image was found in Indonesia, where 78% claim to be happy with their body weight and shape.
- 7 Department of Health (2013) *Review of the regulation of cosmetic interventions*, available at: <https://www.gov.uk/government/publications/review-of-the-regulation-of-cosmetic-interventions>, at paragraph 1.4; Creative Research (2013) *Regulation of cosmetic interventions: research among the general public and practitioners*, available at: [https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/192029/Regulation\\_of\\_Cosmetic\\_Interventions\\_Research\\_Report.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/192029/Regulation_of_Cosmetic_Interventions_Research_Report.pdf), at paragraph 1.2.1.
- 8 See, for example, Hurd Clarke L, and Griffin M (2008) Visible and invisible ageing: beauty work as a response to ageism *Ageing & Society* **28(5)**: 653-74; Sanchez Taylor J (2012) Fake breasts and power: gender, class and cosmetic surgery *Women's Studies International Forum* **35(6)**: 458-66; Gulbas LE (2013) Embodying racism: race, rhinoplasty, and self-esteem in Venezuela *Qualitative Health Research* **23(3)**: 326-35.
- 9 Creative Research (2013) *Regulation of cosmetic interventions: research among the general public and practitioners*, available at:

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https://www.gov.uk/government/uploads/system/uploads/attachment\_data/file/192029/Regulation\_of\_Cosmetic\_Interventions\_Research\_Report.pdf, pp29-30.

10 See, for example, the discussion in Gagne P, and McGaughey D (2002) Designing women: cultural hegemony and the exercise of power among women who have undergone elective mammoplasty *Gender and Society* **16(6)**: 814-38.

11 Including: Department of Health (2005) *Expert Group on the Regulation of Cosmetic Surgery: report to the Chief Medical Officer*, available at:  
[http://webarchive.nationalarchives.gov.uk/20081105143757/dh.gov.uk/en/publicationsandstatistics/publications/publicationspolicyandguidance/dh\\_4102046](http://webarchive.nationalarchives.gov.uk/20081105143757/dh.gov.uk/en/publicationsandstatistics/publications/publicationspolicyandguidance/dh_4102046) (the Cayton report); NCEPOD (2010) *On the face of it: a review of the organisational structures surrounding the practice of cosmetic surgery*, available at: <http://www.ncepod.org.uk/2010cs.htm>; and Department of Health (2012) *Poly Implant Prosthèse (PIP) breast implants: final report of the Expert Group*, available at: <https://www.gov.uk/government/publications/poly-implant-prothese-pip-breast-implants-final-report-of-the-expert-group>.

12 Department of Health (2013) *Review of the regulation of cosmetic interventions*, available at: <https://www.gov.uk/government/publications/review-of-the-regulation-of-cosmetic-interventions>.

13 Department of Health (2014) *Government response to the review of the regulation of cosmetic interventions*, available at:  
[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/279431/Government\\_response\\_to\\_the\\_review\\_of\\_the\\_regulation\\_of\\_cosmetic\\_interventions.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/279431/Government_response_to_the_review_of_the_regulation_of_cosmetic_interventions.pdf).

14 Health Education England (8 January 2016) *New qualifications unveiled to improve the safety of non-surgical cosmetic procedures*, available at: <https://hee.nhs.uk/news-events/news/new-qualifications-unveiled-improve-safety-non-surgical-cosmetic-procedures>.

15 General Medical Council (2015) *Credentialing*, available at: [http://www.gmc-uk.org/education/continuing\\_professional\\_development/27258.asp](http://www.gmc-uk.org/education/continuing_professional_development/27258.asp).

16 General Medical Council (2015) *Guidance for all doctors who offer cosmetic interventions: a public consultation on our draft guidance*, available at: [http://www.gmc-uk.org/Guidance\\_for\\_all\\_doctors\\_who\\_offer\\_cosmetic\\_interventions\\_consultation\\_english\\_\\_2\\_\\_distributed.pdf\\_61281552.pdf](http://www.gmc-uk.org/Guidance_for_all_doctors_who_offer_cosmetic_interventions_consultation_english__2__distributed.pdf_61281552.pdf).

17 Royal College of Surgeons (2015) *Cosmetic surgery: certification updates*, available at: <https://www.rcseng.ac.uk/surgeons/surgical-standards/working-practices/cosmetic-surgery/certification-updates>.

18 *Tattooing of Minors Act 1969*, available at:  
[http://www.legislation.gov.uk/ukpga/1969/24/introduction,section 1](http://www.legislation.gov.uk/ukpga/1969/24/introduction,section%201).

19 *Sunbeds (Regulation) Act 2010*, available at:  
[http://www.legislation.gov.uk/ukpga/2010/20/contents, sections 2 and 3](http://www.legislation.gov.uk/ukpga/2010/20/contents,sections%202%20and%203).

20 The British Association of Aesthetic and Plastic Surgeons (26 January 2015) *Tweak not tuck*, available at: <http://baaps.org.uk/about-us/audit/2040-auto-generate-from-title>.

21 One UK provider of cosmetic procedures observed a 45 per cent increase in enquiries for female genital cosmetic procedures between 2010 and 2013. The provider also found that recipients of this range of procedures were getting younger: the average age of patients in 2010 was 35; in 2013, this had fallen to 28. See: Transform (30 August 2013) *Transform reports surge in enquiries for vaginoplasty procedures*, available at:  
<https://www.transforminglives.co.uk/news-blog/news/2013/08/transform-reports-surge-in-enquiries-for-vaginoplasty-procedures/>.

22 International Society of Aesthetic Plastic Surgeons' (ISAPS) data show a near 400% increase between 2010 and 2014. See: International Society of Aesthetic Plastic Surgery (2014) *ISAPS international survey on aesthetic / cosmetic procedures performed in 2014*, available at: <http://www.isaps.org/Media/Default/global-statistics/2015%20ISAPS%20Results.pdf>; International Society of Aesthetic Plastic Surgery (2013) *ISAPS' international survey on aesthetic / cosmetic procedures performed in 2010*, available at:  
<http://www.isaps.org/Media/Default/global-statistics/ISAPS-Results-Procedures-2010.pdf>.

23 ISAPS annual statistics include the figure of 10,053 penis enlargement operations in 2014, but do not list this procedure in 2010. See: International Society of Aesthetic Plastic Surgery (2014) *ISAPS international survey on aesthetic / cosmetic procedures performed in 2014*, available at: <http://www.isaps.org/Media/Default/global-statistics/2015%20ISAPS%20Results.pdf>; International Society of Aesthetic Plastic Surgery (2013) *ISAPS' international survey on aesthetic / cosmetic procedures performed in 2010*, available at:  
<http://www.isaps.org/Media/Default/global-statistics/ISAPS-Results-Procedures-2010.pdf>.

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<sup>24</sup> See, for example, the concerns expressed about motivations for female cosmetic genital surgery, as in Royal College of Obstetricians and Gynaecologists (2013) *Ethical opinion paper: ethical considerations in relation to female genital cosmetic surgery (FGCS)*, available at: <https://www.rcog.org.uk/globalassets/documents/guidelines/ethics-issues-and-resources/rcog-fgcs-ethical-opinion-paper.pdf>: it is difficult to imagine concerns being expressed in the same way about cosmetic procedures undertaken on the face or breasts.