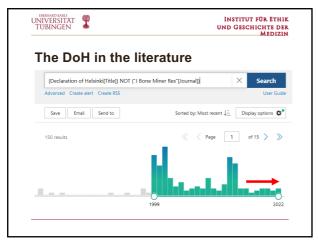


INSTITUT FÜR ETHIK UND GESCHICHTE DER MEDIZIN UNIVERSITAT TUBINGEN The DoH in the literature (Declaration of Helsinki[Title]) NOT ("J Bone Miner Res"[Journal]) Save Email Send to Sorted by: Most recent ↓_ Display options 🌣

5 6



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The DoH in the literature

**Enormous number of references to the DoH

**The DoH itself: currently not a "hot spot" in the bioethical literature!

**Other ethical issues are more discussed, e.g.,

**700 publications on conscientious objection

> 1000 on genome editing and ethics

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Frequency of revisions:

- "living document" (Ndebele 2013)

or

- concentrated on a few "eternal"

principles — "tentative immortality"?

(Emanuel 2013)

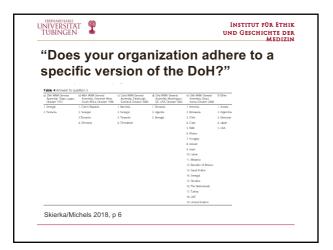
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General critique (before and after 2013)

"Genuine ethical obligations do not change every few years."

(Emanuel 2013, p 1247)

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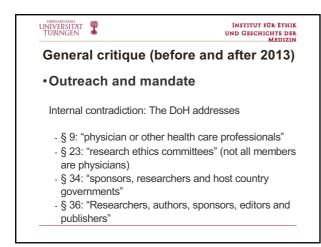


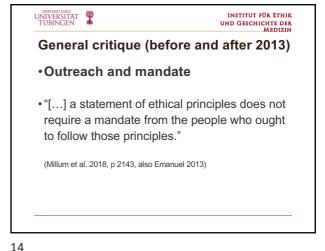
General critique (before and after 2013)

Outreach and mandate

1013, § 2: "Consistent with the mandate of the WMA, the Declaration is addressed primarily to physicians. The WMA encourages others who are involved in medical research involving human subjects to adopt these principles."

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General critique (before and after 2013)

•Terminology:

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• "[...] the terms "human subjects", "patients", "research subjects" and "research participants" are used interchangeably."

(Muthuswamy 2014, p 4)

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Fundamental critique (before and after 2013)

• Legitimation?

• "merely [...] ex cathedra declarations"

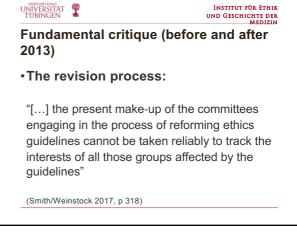
(Schüklenk 2015, p ii)

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Fundamental critique (before and after 2013)

• The revision process:

• "[...] it should be that the normative prescriptions are developed within a collaborative dialogue between professionals and patients, their families and advocates."



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Fundamental critique (before and after 2013)

- · Dissemination and worldwide adoption?
- DoH a "minority report"? (Reider 2015, p 792)
- Prominent example: FDA/NIH

since 2008: ICH-guidelines, which refer to the principles of the DoH.

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Positive commentaries to the DoH 2013

- · Many commentators: positive
- "the most accepted and adopted ethical guideline" (Skierka/Michels 2018, p 11)
- 2018 version "better organized, clearer and more precise, received 12 subheadings" (Hellmann et al. 2014)
- "a significant improvement over previous versions" (Millum et al. 2013, p 2143)

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Important changes in the 2013 version

- Structure
- Vulnerable Groups
- Post-Study-Arrangements
- Research Ethics Committee
- Compensation
- Biobanks
- Placebo
- Registration
- publication and dissemination of results

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§ 19, Vulnerable Groups

• Definition?

2013, § 19: "Some groups and individuals are particularly vulnerable and may have an increased likelihood of being wronged or of incurring additional harm.

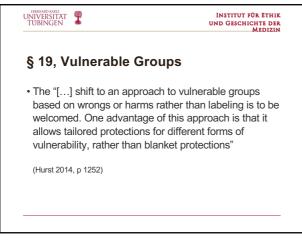
All vulnerable groups and individuals should receive specifically considered protection."

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§ 19, Vulnerable Groups

- General description or list of vulnerable groups? (Millum et al. 2013)
- "separation between: disadvantaged populations; vulnerability due to diminished decisional capacity or undue influence by the recruiting researchers; and vulnerability to risks of increased harms by nature of the population under study." (Moris 2013, p 1890)





ensuring that the community receives a fair level of

additional benefits.

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§ 19, Vulnerable Groups

• The fair benefit approach was skipped by the GA because of the fear of exploitation, expressed by resource poor countries.

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§ 19, Vulnerable Groups

- Critique: Without fair benefit approach no benefit is possible for vulnerable people in phase 1 or 2 trials.
- "participants from poor countries with limited access to medical services are unlikely to benefit" (Millum et al. 2013, p 2144)
- The reasonable availability approach alone is insufficient for vulnerable people!
- Contra: Fair benefit is not explicitly forbidden (Hurst 2014)

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§ 32: "biobanks or similar repositories"

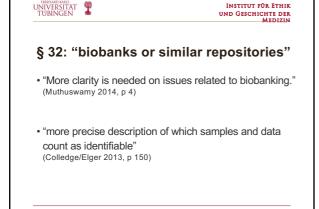
• § 32: For medical research using identifiable human material or data, such as research on material or data contained in biobanks or similar repositories, physicians must seek informed consent for its collection, storage and/or reuse. [...]

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§ 32: "biobanks or similar repositories"

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33 34



UNIVERSITAT TUBINGEN UND GESCHICHTE DER MEDIZIN § 32: "biobanks or similar repositories" • No explicit broad consent in the DoH! Detailed broad consent in the Declaration of Taipei 2016! • Relationship to the Declaration of Taipei? • How detailed in the DoH when detailed in the DoT?

• Reference to the DoT in the DoH?

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§ 33, placebo control

- The "never-ending" controversy!
- Historical background: HIV-transmission studies in the 1990s in Africa, testing against placebo
- Proven intervention was available but too complex to be used in resource poor settings.

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§ 33, placebo control

- Controversial ethical debate about different standards
- "placebo orthodox" vs. "active control orthodox"
- In particular MLIC, South America: "active control orthodox"

37 38



§ 33, placebo control

- DoH: Controversial since 2000
- DoH 2000, § 29: "The benefits, risks, burdens and effectiveness of a new method should be tested against those of the best current prophylactic, diagnostic, and therapeutic methods. This does not exclude the use of placebo, or no treatment, in studies where no proven prophylactic, diagnostic or therapeutic method exists".



§ 33, placebo control

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- DoH 2000, § 29: "The benefits, risks, burdens and effectiveness of a new method should be tested against those of the best current prophylactic, diagnostic, and therapeutic methods. This does not exclude the use of placebo, or no treatment, in studies where no proven prophylactic, diagnostic or therapeutic method exists".
- (Similar since DoH 1975)

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§ 33, placebo control

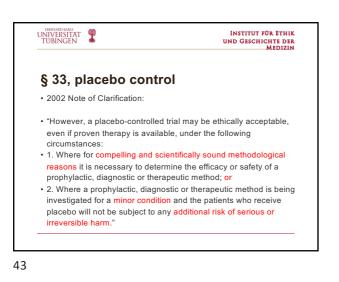
- 2002 Note of Clarification added:
- "However, a placebo-controlled trial may be ethically acceptable, even if proven therapy is available, under the following circumstances:
- 1. Where for compelling and scientifically sound methodological reasons it is necessary to determine the efficacy or safety of a prophylactic, diagnostic or therapeutic method; or
- 2. Where a prophylactic, diagnostic or therapeutic method is being investigated for a minor condition and the patients who receive placebo will not be subject to any additional risk of serious or irreversible harm."

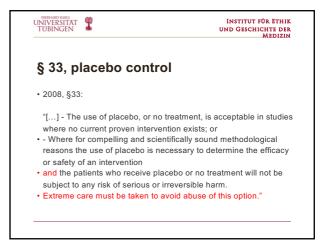


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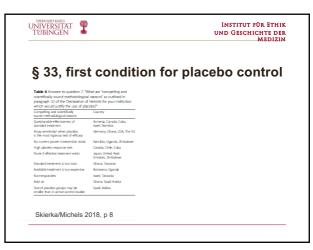
INSTITUT FÜR ETHIK UNIVERSITÄT TÜBINGEN UND GESCHICHTE DER MEDIZIN § 33, placebo control

- 2 WMA-conferences on placebo control in Sao Paulo in 2010, 2011, GA in Fortaleza 2013
- 2013 version:
- · No change in ethics, but more systematic

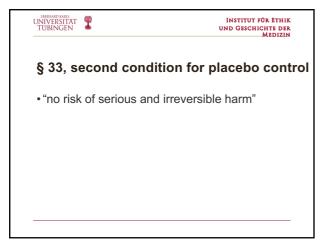
INSTITUT FÜR ETHIK UNIVERSITÄT TÜBINGEN UND GESCHICHTE DER MEDIZIN Placebo DoH 2013 • § 33: "[...] where for compelling and scientifically sound methodological reasons the use of any intervention less effective than the best proven one, the use of placebo, or no intervention is necessary to determine the efficacy or safety of an intervention • and the patients who receive any intervention less effective than the best proven one, placebo, or no intervention will not be subject to additional risks of serious or irreversible harm as a result of not receiving the best proven intervention. [...]"

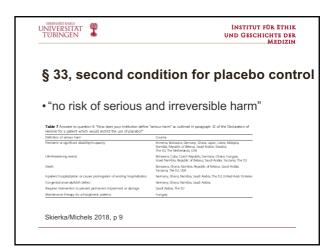
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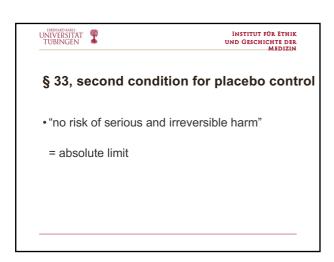
UNIVERSITAT TUBINGEN INSTITUT FÜR ETHIK UND GESCHICHTE DER MEDIZIN § 33, first condition for placebo control · "compelling and scientifically sound methodological reasons [...] to determine the efficacy and safety of an intervention" = vague, not precise

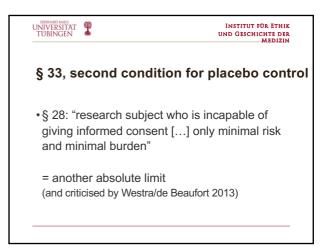


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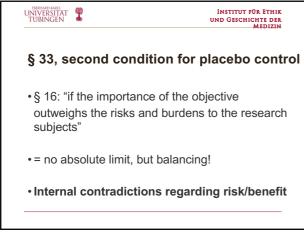








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§ 33, double standard?

• "The term "best proven intervention" remains ambiguous. Where is it applicable – locally or globally?" (Muthuswamy 2014, p 1)

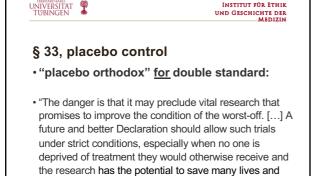
• But: Any wording in favour of the double standard like "available best proven intervention", "locally available best proven intervention" was not implemented!

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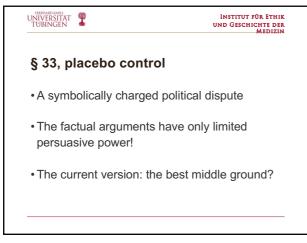
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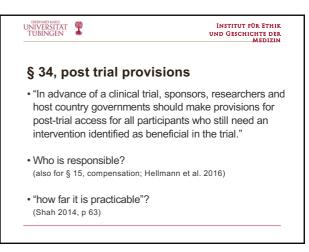


improve the care of poor populations." (Millum et al. 2013, p 2144, also Millum/Grady 2013)

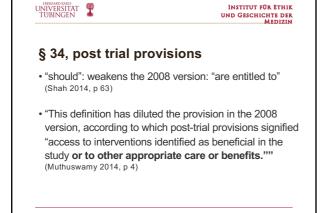
INSTITUT FÜR ETHIK UNIVERSITÄT TÜBINGEN UND GESCHICHTE DER MEDIZIN § 33, Paradox: • The DoH never supported a double standard! • The DoH is accused of supporting double standard! ("active control orthodox") • The DoH is accused of not supporting double standard! ("placebo orthodox")

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§ 34, post trial provisions

- "I criticize the disappearance of 'access to other appropriate care' [...] and the narrow scope given to obligations of access to information after research." (Mastroleo 2016, p 80)
- "is drafted rather strangely" (Malik/Foster 2016, p. 188, also Hellmann et al. 2016)

61 62



• "perhaps the most philosophically intriguing [paragraph], because it evokes the sometimes hazy distinction between medical care and research"

(Reider 2015, p 792)

INSTITUT FÜR ETHIK UNIVERSITAT TUBINGEN UND GESCHICHTE DER MEDIZIN § 37, Unproven Interventions in Clinical Practice

• 2013, § 37: "In the treatment of an individual patient, where proven interventions do not exist or other known interventions have been ineffective, the physician, after seeking expert advice, with informed consent from the patient or a legally authorised representative, may use an unproven intervention if in the physician's judgement it offers hope of saving life, re-establishing health or alleviating suffering. This intervention should subsequently be made the object of research, designed to evaluate its safety and efficacy. In all cases, new information must be recorded and, where appropriate, made publicly available."

63 64



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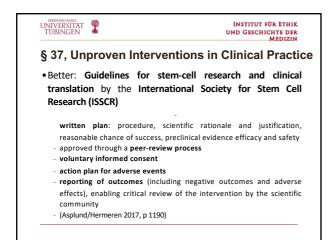
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- "The need to revise the Helsinki Declaration" (Asplund/Hermeren 2017, p 1190)
- · Not strict enough! Cases of abuse!

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- "opens a Pandora's box" (Shah 2014, p 64)
- "[...] only safeguards listed in the DH expert advice and informed consent – do not seem to provide sufficient protection for patients" (Borysowski et al. 2018, p 505).

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Literature review

Shall the DoH be revised because of

digitalization? no results!

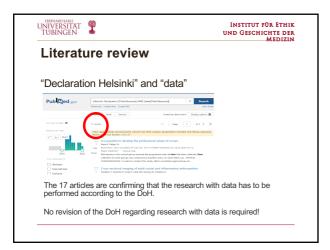
Al? no results!

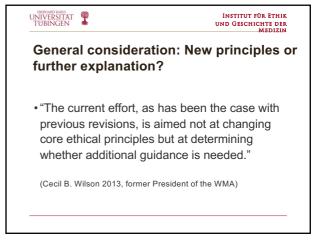
genome editing? no results!

CRISPR/cas? no results!

personalised medicine? no results!

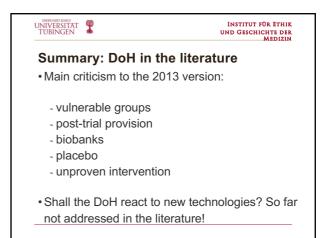
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