

## Wie spät ist zu spät?

Geburtseinleitung bei Terminüberschreitung  
Christiane Schwarz

### Literatur

- 1 WHO. WHO | WHO recommendations for induction of labour. 2011; Available from: [http://www.who.int/reproductivehealth/publications/maternal\\_perinatal\\_health/9789241501156/en/](http://www.who.int/reproductivehealth/publications/maternal_perinatal_health/9789241501156/en/)
- 2 IQTiG. Bundesauswertung zum Erfassungsjahr 2016 Geburtshilfe. Berlin, 2017 Available from: [https://iqtig.org/downloads/ergebnisse/bundesauswertung/2016/indirekte\\_verfahren/QSKH\\_16n1-GEBH\\_2016\\_BUAW\\_V02\\_2017-07-12.pdf](https://iqtig.org/downloads/ergebnisse/bundesauswertung/2016/indirekte_verfahren/QSKH_16n1-GEBH_2016_BUAW_V02_2017-07-12.pdf)
- 3 AQUA-Institut. Bundesauswertung zum Erfassungsjahr 2014: Geburtshilfe. Göttingen, 2015 Available from: [https://www.sgg.de/downloads/Bundesauswertungen/2014/bu\\_Gesamt\\_16N1-GEBH\\_2014.pdf](https://www.sgg.de/downloads/Bundesauswertungen/2014/bu_Gesamt_16N1-GEBH_2014.pdf)
- 4 National Institute for Health and Care Excellence (NICE). Intrapartum care: care of healthy women and their babies during childbirth. London: NICE, 2014 Available from: <http://www.nice.org.uk/guidance/cg190>
- 5 Ebd.
- 6 Gülmezoglu AM, Crowther CA, Middleton P, Heatley E. Induction of labour for improving birth outcomes for women at or beyond term. Cochrane database Syst Rev 2012; 6: CD004945 Available from: <http://www.ncbi.nlm.nih.gov/pubmed/22696345>
- 7 Deutsche Gesellschaft für Gynäkologie und Geburtshilfe. Terminüberschreitung und Übertragung. S1-Leitlinie. Germany: www.awmf.de, 2010 Available from: [http://www.dggg.de/fileadmin/public\\_docs/Leitlinien/3-4-7-terminueberschreitung-2010.pdf](http://www.dggg.de/fileadmin/public_docs/Leitlinien/3-4-7-terminueberschreitung-2010.pdf)
- 8 Deutsche Gesellschaft für Gynäkologie und Geburtshilfe (DGGG), Deutsche Gesellschaft für Gynäkologie und Geburtshilfe, Deutsche Gesellschaft für Gynäkologie und Geburtshilfe (DGGG). S1-Leitlinie: Vorgehen bei Terminüberschreitung und Übertragung. AWMF, 2014 Available from: <http://www.awmf.org/leitlinien/detail/ll/015-065.html>
- 9 Warland J, Mitchell EA. A triple risk model for unexplained late stillbirth. BMC Pregnancy Childbirth 2014; 14: 142 Available from: <http://www.biomedcentral.com/1471-2393/14/142>
- Flenady V, Koopmans L, Middleton P, Frøen JF, Smith GC, Gibbons K, Coory M, Gordon A, Ellwood D, McIntyre HD, Fretts R, Ezzati M. Major risk factors for stillbirth in high-income countries: a systematic review and meta-analysis. Lancet 2011; 377: 1331–1340 Available from: <http://www.sciencedirect.com/science/article/pii/S0140673610622337>
- 10 Gardosi J, Giddings S, Clifford S, Wood L, Francis A. Association between reduced stillbirth rates in England and regional uptake of accreditation training in customised fetal growth assessment. BMJ Open 2013; 3: e003942 Available from: <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3884620&tool=pmcentrez&rendertype=abstract>

11 Abenhaim HA, Azoulay L, Assayag J, Benjamin A, Balayla J. Effect of Maternal Age on the Risk of Stillbirth: A Population-Based Cohort Study on 37 Million Births in the United States. 2011

12 McCowan LME, Thompson JMD, Cronin RS, Li M, Stacey T, Stone PR, Lawton BA, Ekeroma AJ, Mitchell EA. Going to sleep in the supine position is a modifiable risk factor for late pregnancy stillbirth; Findings from the New Zealand multicentre stillbirth case-control study. *PLoS One* 2017; 12: e0179396 Available from: <http://www.ncbi.nlm.nih.gov/pubmed/28609468>

Rådestad I, Sormunen T, Rudenhed L, Pettersson K. Sleeping patterns of Swedish women experiencing a stillbirth between 2000–2014 - an observational study. *BMC Pregnancy Childbirth* 2016; 16: 193 Available from: <http://www.ncbi.nlm.nih.gov/pubmed/27469114>

13 Stormdal Bring H, Hulthén Varli IA, Kublickas M, Papadogiannakis N, Pettersson K. Causes of stillbirth at different gestational ages in singleton pregnancies. *Acta Obstet Gynecol Scand* 2014; 93: 86–92 Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24117104>

Ananth C V. Menstrual versus clinical estimate of gestational age dating in the United States: temporal trends and variability in indices of perinatal outcomes. *Paediatr Perinat Epidemiol* 2007; 21 Suppl 2: 22–30 Available from: <http://www.ncbi.nlm.nih.gov/pubmed/17803615>

Stacey T, Thompson JMD, Mitchell EA, Ekeroma AJ, Zuccollo JM, McCowan LME. Association between maternal sleep practices and risk of late stillbirth: a case-control study. *BMJ* 2011; 342: d3403 Available from: <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3114953&tool=pmcentrez&rendertype=abstract>

Bodnar LM, Parks WT, Perkins K, Pugh SJ, Platt RW, Feghali M, Florio K, Young O, Bernstein S, Simhan HN. Maternal prepregnancy obesity and cause-specific stillbirth. *Am J Clin Nutr* 2015; Available from: <http://www.ncbi.nlm.nih.gov/pubmed/26310539>

Gardosi J, Madurasinghe V, Williams M, Malik A, Francis A. Maternal and fetal risk factors for stillbirth: population based study. *BMJ* 2013; 346: f108 Available from: <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3554866&tool=pmcentrez&rendertype=abstract>

Abenhaim HA, Azoulay L, Assayag J, Benjamin A, Balayla J. Effect of Maternal Age on the Risk of Stillbirth: A Population-Based Cohort Study on 37 Million Births in the United States. 2011

Been J V, Nurmatov UB, Cox B, Nawrot TS, van Schayck CP, Sheikh A. Effect of smoke-free legislation on perinatal and child health: a systematic review and meta-analysis. *Lancet (London, England)* 2014; 383: 1549–1560 Available from: <http://www.ncbi.nlm.nih.gov/pubmed/24680633>

14 Schwarz C. Unnötige Interventionen vermeiden. Christiane Schwarz analysiert anhand einer Fallgeschichte die Regel: Kein Eingriff ohne Evidenz. 2012.

Stahl K, Schwarz, C. Grundlagen der evidenzbasierten Betreuung. Hannover: Staude; 2011.

Goer H, Sagady Leslie M, Romano A. Step 6: does not routinely employ practices, procedures unsupported by scientific evidence: the coalition for improving maternity services:. *J Perinat Educ* [Internet]. 2007 Jan [cited 2015 Jan 4];16 Suppl 1:32S – 64S. Available from: <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2409136&tool=pmcentrez&rendertype=abstract>

- 15 Murray SR, Shenkin SD, McIntosh K, Lim J, Grove B, Pell JP, Norman JE, Stock SJ. Long term cognitive outcomes of early term (37-38 weeks) and late preterm (34-36 weeks) births: A systematic review. *Wellcome Open Res* 2017; 2: 101 Available from: <http://www.ncbi.nlm.nih.gov/pubmed/29387801>
- 16 Bruinsma A, Keulen J, Kortekaas J, van Dillen J, Oudijk M, Bakker J, van Kaam A, Bossuyt P, Vandenbussche F, van de Post J, Mol B-W, de Miranda E. 40: Induction of labor at 41 weeks or expectant management until 42 weeks - preliminary results of the INDEX trial. *Am J Obstet Gynecol* 2017; 216: S27–S28 Available from: <http://linkinghub.elsevier.com/retrieve/pii/S0002937816319111>
- Stock SJ, Ferguson E, Duffy A, Ford I, Chalmers J, Norman JE. Outcomes of elective induction of labour compared with expectant management: population based study. *BMJ* 2012; 344: e2838 Available from: <http://www.bmj.com/content/344/bmj.e2838.pdf%2Bhtml>
- 17 Schwarz C, Weiss E, Loytved C, Schäfers R, König T, Heusser P, Berger B. Fetale Mortalität bei Einlingen ab Termin – eine Analyse bundesdeutscher Perinataldaten 2004–2013. *Z Geburtshilfe Neonatol* 2015; 219: 81–86 Available from: <https://www.thieme-connect.com/DOI/DOI?10.1055/s-0034-1398659>
- 18 Schwarz C, Schäfers R, Loytved C, Heusser P, Abou-Dakn M, König T, Berger B. Temporal trends in fetal mortality at and beyond term and induction of labor in Germany 2005-2012: data from German routine perinatal monitoring. *Arch Gynecol Obstet* 2016; 293: 335–343 Available from: <http://link.springer.com/article/10.1007/s00404-015-3795-x/fulltext.html>
- 19 Lyerly AD, Little MO, Faden RR. A critique of the “fetus as patient”. *Am J Bioeth* [Internet]. 2008 Jul [cited 2015 May 25];8(7):42–4; discussion W4–6. Available from: <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2553002&tool=pmcentrez&rendertype=abstract>
- Nicolaidis KH, Chervenak FA, McCullough LB, Avgidou K, Papageorghiou A. Evidence-based obstetric ethics and informed decision-making by pregnant women about invasive diagnosis after first-trimester assessment of risk for trisomy 21. *Am J Obstet Gynecol* [Internet]. 2005;193(2):322–6. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/16098850>
- 20 Stevens G, Miller YD. Overdue choices: how information and role in decision-making influence women’s preferences for induction for prolonged pregnancy. *Birth* [Internet]. 2012 Sep [cited 2013 Aug 24];39(3):248–57. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/23281907>
- Thompson R, Miller YD. Birth control: to what extent do women report being informed and involved in decisions about pregnancy and birth procedures? *BMC Pregnancy Childbirth* [Internet]. 2014 [cited 2014 Feb 7];14(1):62. Available from: <http://www.biomedcentral.com/1471-2393/14/62>
- Westfall RE, Benoit C. The rhetoric of “natural” in natural childbirth: childbearing women’s perspectives on prolonged pregnancy and induction of labour. *Soc Sci Med* [Internet]. 2004 Oct [cited 2014 Jun 10];59(7):1397–408. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/15246169>
- 21 National Institute for Health and Care Excellence (NICE). Induction of labour [Internet]. London, United Kingdom; 2014. Available from: <https://pathways.nice.org.uk/pathways/induction-of-labour>