

2014 No Pain Labor & Delivery – Global Health Initiative Summary (China Chapter)



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No Pain Labor & Delivery – Global Health Initiative (NPLD-GHI) just accomplished its safe, successful, and significant trip to China for its mission on June 22nd, 2014. So far, this has been our strongest team. The team went to the highest number of local hospitals with the biggest coverage of the Chinese population (20% of the entire population), and interacted with the highest numbers (estimated more than 2000 health care providers) in the NPLD-GHI history. The team initiated NPLD-GHI with the traditional “Shanghai International Obstetric Anesthesia Symposium” on June 14th, followed by the week long Obstetric Anesthesia Infrastructure Project from June 15th to June 21st in a total of five



new sites located in Zhengzhou in Henan Province, Shijiazhuang and Weixian in Hebei Province, Liaocheng and Zaozhuang in Shandong Province, and ended with “Northwestern Women and Children’s Hospital China-USA Labor Analgesia Symposium” on June 22nd. Two additional national obstetric anesthesia conferences were supported by the 2014 NPLD-GHI in Nanjing and Hangzhou along with the five

conferences at the 2014 NPLD-GHI designated sites during the same week. Thus, a total of nine obstetric anesthesia meetings were held nationally or provincially. Additionally, another six lectures were delivered by Dr. Hu alone during his site screen visits before and after the 2014 NPLD-GHI week.

A total of 56 volunteers participated in the 2014 NPLD-GHI. Our health care team members were from most of major medical centers in the US, including Northwestern University, Harvard Medical School (BID, MGH), the Ohio State University, University of Texas at Dallas, Tufts University, Johns Hopkins University, Washington University at St. Louis, Stanford University, the Oregon State University, the State University of New York at Stony Brook, University of Wisconsin at Milwaukee, and Duke University. In addition, student volunteers came from Hangzhou Dianzi University, Peking University Health Science Center, Taian Medical University, the State University of New York at Stony Brook School of Medicine, Cornell University, University of Virginia, Washington University at St. Louis, New Jersey Institute of Technology, and Illinois Math and Science Academy.

Two historical records have been made this year. The neuraxial labor analgesia rate rose from 0 to 70% over a six month period in Weixian People’s Hospital. Annual birth rate in Shijiazhuang Obstetrics and Gynecology Hospital doubled from 9000 to more than 18000 since May 2010, contributing 60% of the total local childbirths from 30%, and resulting in an annual more than 400,000,000 RMB earnings (from

100,000,000 RMB) after their obstetric anesthesia service started. Both of their services resulted in an increase in patients' satisfactions and attraction to local parturients with negative growth childbirth rates in their neighbor hospitals. Nevertheless, similar phenomena with less degree have been occurring in other three NPLD-GHI sites as well.

The second project, "Advanced Obstetric Anesthesia Project," has been launched since March 2014 on the five previous sites in Liuzhou, Shenzhen, Wenzhou, Nanjing, and Hangzhou, where obstetric anesthesia services have been initiated 24/7, neuraxial labor analgesia rate has reached 50% or more, and hospital administration-obstetrician-anesthesiologist-nurse/midwives have been collaborating. This project extends obstetric anesthesia services to the full scope from labor analgesia alone emphasizing patient safety and decrease in cesarean delivery rate.

In summary, by now, the NPLD-GHI has been collaborating with a total of 19 hospitals in China, and close to 300 person visits have contributed to this peripartum medical education program since 2008. It is believed that the NPLD-GHI will impact local maternal related mortality, neonatal mortality, and even average life spans.

2014 无痛分娩中国行报告

胡灵群医生

2014 无痛分娩中国行在 6 月 22 日降下了帷幕。这是中国行历年来，规模最大，覆盖人口面积最大(20% 中国人口)，中国行队伍最强大，和各地医护人员互动人数最多，效果最好的一次。来自美国西北大学，哈佛大学，俄亥俄州立大学，得克萨斯大学，塔夫斯大学，霍布金斯大学，华盛顿大学，斯坦福大学，俄亥俄州立大学，纽约大学石溪分校，杜克大学等医护人员，和来自杭州电子科技大学，北京大学医学院，泰安医科大学，纽约大学石溪分校，康乃尔大学，佛吉尼亚大学，圣路易斯华盛顿大学，新泽西理工大学，伊利诺伊州理科学院的学生志愿者共 56 人，在郑州大学医学院附属第三医院-河南省妇幼保健院，河北省石家庄市妇产医院，河北省威县人民医院，山东省聊城东昌府区妇幼保健院，山东省枣庄市妇幼保健院实施了无痛分娩中国行《产科麻醉基本建设计划》。中美两国医护人员努力合作，按照每日的安排，循序渐进地落实各项临床医学举措和产房安全措施，全面开启 24 小时产科麻醉，提升母婴安全，为产科和产房的现代化进程迈出了坚实的一步。从 6 月 14 日的上海国际产科麻醉论坛，到为期一周的 2014 无痛分娩中国行五个站点的活动，到最后 6 月 22 日西安的第四届西北妇幼医院中美分娩镇痛研讨会，加上在南京和杭州的两个会议，前后一周一共九个全国或省级产科麻醉会议，和中国行互动的中国医护人员超过 2000 人。



大量来自全国各地的麻醉，产科，助产，护士来到无痛分娩中国行所到之处

河北威县人民医院创造了 6 个月内分娩镇痛从 0 到 70%；河北省石家庄市妇产医院从 2010 年到 2013 年底不到 4 年的时间内，借助于分娩镇痛广泛开展，医院年分娩量从 9000 到达

18000，医院经济效益翻了4翻，达到了4个亿。这两项可称为分娩镇痛的世界记录，为母婴安康和满意度增加，和两地周边医院出现的年分娩量负增长，起到了决定性作用。

中国行今年为全面开展产科麻醉而推出的《高级产科麻醉1+2+3计划》，给中国围产医学界注入了全新思维。今年3月至今，在广西的柳州市妇幼保健院，深圳市宝安妇幼保健院，温州医科大学附属第二医院，南京市妇幼保健院，浙江大学医学院附属妇产科医院五所医院启动了这项计划。

自2008年以来，已经有19所华东，华南，华北，西南的医院和中国行进行了合作，300来人次的美国医护志愿人员通过无痛分娩中国行来华帮助这个围产医学多学科教育项目。这将对改善当地的新生儿死亡率，孕产妇死亡率，提高人口平均寿命起到积极的影响。