

a deficit of leadership at the global political level and in civil society, and (4) the newborn health community's decision to shift to a broader agenda, focusing on newborn survival more holistically as opposed to addressing a single condition, like prematurity.

Interpretation: The newborn community should increase advocacy efforts to frame preterm birth as the top priority for child survival. Preterm birth should be framed to global health stakeholders as a severe but preventable problem with existing solutions that need to be rapidly scaled-up. To accelerate global response, the newborn health community must improve data around economic impacts and existing interventions and resolve internal technical disputes. Political leadership at the global levels and in civil society should be mobilized, and upcoming policy windows leveraged to highlight the resounding global burden of prematurity.

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Burn injury epidemiology, treatment, and prevention approaches in US and Poland: a comparative study

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Background: WHO prioritized burn prevention as an area for global research and education. We designed a comparative study to evaluate the epidemiology, treatment, and knowledge about burn prevention in Poland and the USA.

Methods: We conducted a retrospective in-patient chart review of 100 burn patients admitted to the pediatric units in Poland (Rzeszow) and the USA (Milwaukee). Additionally, we administered 25 standardized questionnaires to parents in each country to evaluate the level of knowledge about burn prevention.

Findings: Of the charts reviewed, toddlers and infants (0–2y) are the most represented group. There was no difference in sex, percent body burn and length of hospital stay between Poland and the USA. The number of procedures performed was higher in the USA especially in female patients ($p < 0.001$). The questionnaire results revealed a lower level of education about smoke detectors in Poland ($p < 0.02$) and about hot water temperature settings in the US ($p < 0.01$). Both countries show poor compliance with the use of outlet covers.

Interpretation: Significantly different management approaches are being utilized in burn treatment. In the US, there seems to be an emphasis on procedures, while in Poland the emphasis is on medical management of burn injuries. As both countries have similar burn injury patterns, optimal approach to burn injury treatment needs further investigation. Education should be focused on burn prevention in the toddler and infant age group. Each country may need specific educational strategies to address gaps in knowledge about burn prevention.

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Cervical cancer screening in developing regions: observations from Paraiso, an underserved community in the Dominican Republic

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Background: 85% of cervical cancer cases occur in developing countries. Furthermore, cervical cancer is one of the leading causes of cancer mortality as well as all-cause mortality among women in developing countries despite it being an easily preventable disease. In the Dominican Republic specifically, the incidence rate is 29.7 compared to 15.2 per 100,000 globally. The objective of the study is to explore the causes of this discrepancy in one underserved community in the Dominican Republic.

Methods: A survey was conducted during a free health clinic held in the community of Paraiso. All non-pregnant women, 18 years and older, were eligible for participation. A 25 item voluntary, anonymous survey was administered collecting demographic data as well as data on cervical cancer knowledge, screening history and attitudes towards screening.

Findings: 57 women were surveyed during a 5 day period in January 2015. 78% of women had received at least one pap smear. Within that group, however, the frequency of obtaining pap smears was highly variable with some women only having received an exam once or twice in their lives, and some women obtaining exams every six months to one year. Additionally most women surveyed were unsure of the exact reasons for obtaining pap smears, often times citing vague reasons such as “to detect any possible abnormalities” without being able to give more specific reasons. After being educated about the purpose of the HPV vaccine, 85% of women surveyed said they would be open to receiving vaccination if this was made available in the Dominican Republic.

Interpretation: Women in Paraiso are able to access cervical cancer screening with pap smears. Knowledge about the etiology of cervical cancer, the frequency of screening as well as funds to treat it once identified are lacking. Women in this community are open to the concept of HPV vaccination. The results of this survey will inform health outreach efforts in this community.

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Maternal and newborn health situation of Rohingya migrants in Cox's Bazar, Bangladesh

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Background: The initial arrival of Rohingya migrants from Myanmar into Bangladesh especially Cox's Bazar took place in late seventies. Since then Bangladesh hosts approximately 500,000 Myanmar nationals. Only about 30,000 officially registered as