

## Solar power generation has benefits for early pregnancy

We Care Solar works to ensure women can safely deliver their babies by bringing solar power to remote, off-grid, under-resourced medical centers.

Solar activity has been linked to biological mechanisms important to pregnancy, including folate and melatonin levels and inflammatory markers. Thus, we aimed to investigate the association ...

While it doesn't replace all the benefits of natural sunlight, near-infrared light (around 810 nm) has been shown to help stimulate IGF-1 production, just like we see with natural sunlight. That's ...

In the case of the solar installations in the Casa Maternas, this infrastructure provides a more reliable source of electricity, which can avoid time lost with patients due to power outages, ...

Solar and geomagnetic activity have been shown to suppress melatonin and to degrade folate levels, important hormones for fetal development. We examined whether solar and ...

Lack of access to reliable energy is a major neglected health system challenge to maternal and child health. We found that installing a solar energy system intervention in rural ...

Research suggests that exposure to sunlight in the early stages of pregnancy is linked to healthier growth rates. This is likely due to the vitamin D produced by your skin when it absorbs ...

Increased available sun exposure in the first trimester of pregnancy was associated with a reduced risk of preterm birth, with evidence of a dose-response.

The research study evaluates how renewable energy technologies, particularly solar power systems work to boost the reliability of maternal healthcare delivery services.

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