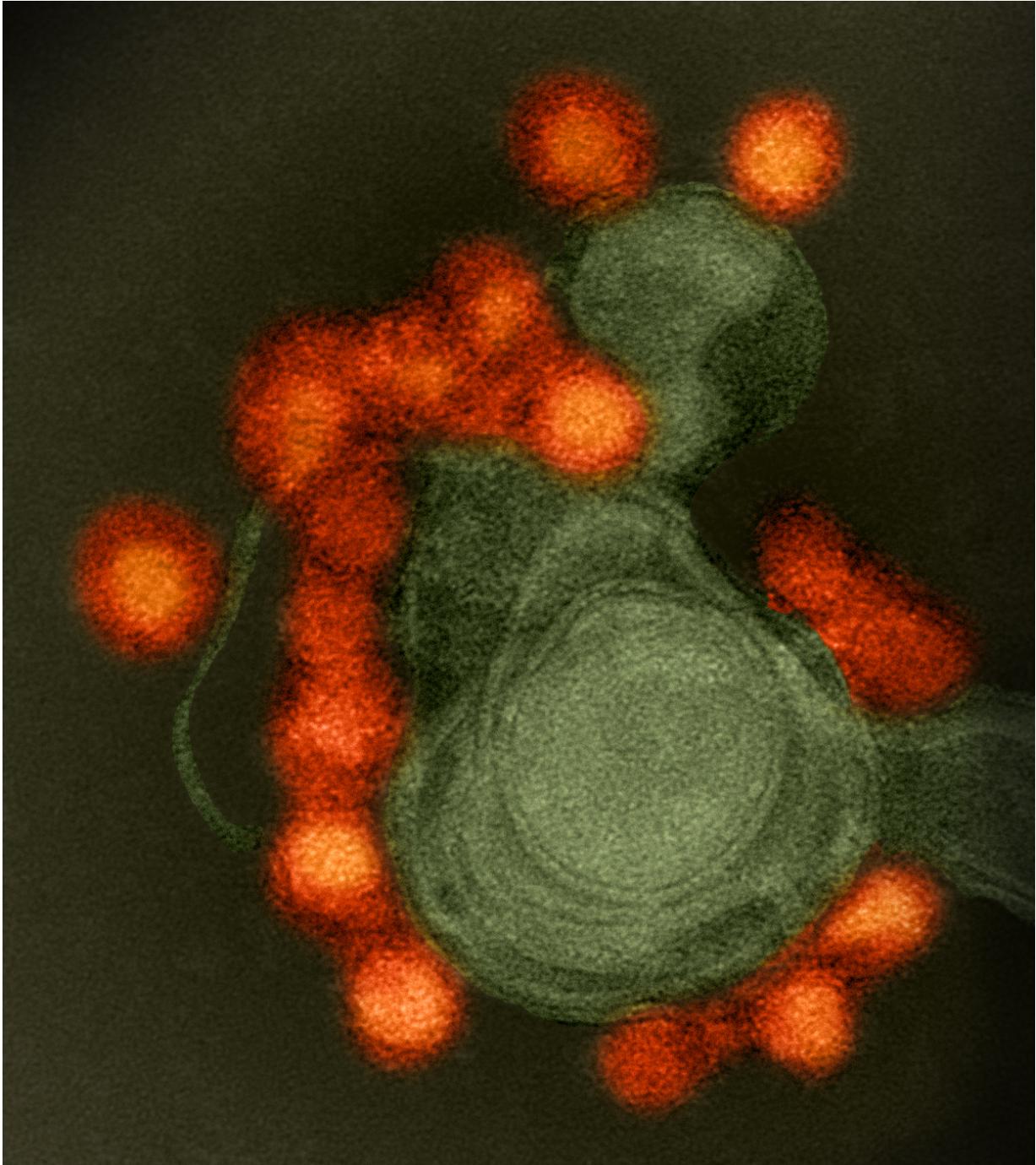


More than 50 percent of women are avoiding pregnancy due to Zika in Brazil

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Transmission electron microscope image of negative-stained, Fortaleza-strain Zika virus (red), isolated from a microcephaly case in Brazil. The virus is associated with cellular membranes in the center. Credit: NIAID

Over half the women in Brazil are avoiding pregnancy due to the Zika epidemic, reveals a study published online in the *Journal of Family Planning and Reproductive Health Care*.

There is an urgent need to reconsider abortion criminalisation, and also to improve [reproductive health](#) policies to ensure [women](#) have access to safe and effective contraceptives, say the authors of the study.

Since the outbreak of Zika in Brazil, there have been 1,845 confirmed cases of congenital Zika syndrome in babies.

A team of doctors, led by Professor Debora Diniz from University of Brasília, wanted to understand how the [epidemic](#) has impacted reproductive health practices.

A national survey conducted in June 2016 used face-to-face questionnaires to collect data about reproductive health and pregnancy, and a secret ballot box to obtain information related to abortion experiences.

Data were collected from 2,002 urban and literate Brazilian women aged 18-39 years, corresponding to 83% of the total female population.

Over half (56%) the women reported that they had avoided, or tried to avoid pregnancy because of the Zika epidemic.

Conversely, 27% of women reported that they had not tried to avoid pregnancy because of the epidemic and 16% had not been planning to get pregnant, regardless of the epidemic.

A higher proportion of northeastern women (66%) than southern women (46%) reported avoiding pregnancy, and the authors say this is most likely due to the epidemic being more concentrated in northeastern

Brazil.

Black (64%) and brown (56%) women were more likely to report avoiding pregnancy than white women (51%), most probably reflecting the disproportionate impact of the epidemic on vulnerable racial groups, they add.

There were no significant differences among the main religious groups: 58% of Catholic women and 55% of Evangelic women reported having avoided pregnancy because of the Zika epidemic.

"The results provide an important first glimpse into how the Zika epidemic has shaped pregnancy intentions among women in Brazil," explain the authors.

"Brazil must urgently re-evaluate its reproductive health policies to ensure better access to contraception information and methods" they argue.

This includes making available a wider range of contraceptive methods, including long-acting reversible contraception, which are either scarce, such as the copper intrauterine device, or not available, such as hormonal implants, through [public health services](#).

"As indicated by the high proportion of women who avoided [pregnancy](#) because of Zika, the Brazilian government must place reproductive health concerns at the centre of its response, including reviewing its continued criminalisation of abortion," the authors conclude.

More information: Letter to the editor: Brazilian women avoiding pregnancy during Zika epidemic jfprhc.bmj.com/content/early/2016/10/16/jfprhc-2016-101678

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