## Lab Coat Can Host **Dangerous** Bacteria

## By AUSTIN FRAKT

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A recent study of patients at 10 academic hospitals in the United States found that just over half care about what their doctors wear, most of them preferring the traditional white coat. Some doctors prefer the white coat, so viewing it as a defining symbol of the profession.

What many might not realize. What many might not realize, at the coat that many referren an harbor dangerous bacteria and pathogens.

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A systematic review of studies found that white coats are frequently contaminated with strains of harmful and sometimes drug-resistant bacterial associated with hospital-acquired infections. As many as 16 percent of white the coat of the

serious problems, including skin and bloodstream infections, sepsis and pneumonia.

It isn't just white coats that can be problematic. The review also found that stethoscopes, phones and tablets can be discussed to the stethoscopes, phones and tablets can be some stem of the stem o

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a month. Several London-focused stud-ies had similar findings pertaining both

a month. Several London-focused studies had similar findings pertaining both
to coats and ties.

The study of the study published last
year tested whether wearing shortoring-sleeved white coats made a difference in the transmission of pathogens.
Consistent with previous work, the
study found short sleeves led to lower
rates of transmission of viral D.NA. It
may be easier to keep hands and wrists
clean when they're not in contact with
sleeves, which themselves can easily
brush against other contaminated
objects, For this reason, the Society for
Healthcare Epidemiology of America
when the study of the study of the study
proach of "bare below the elbows."
With the use of alcohol-based
hand santitzer — often more effective and
convenient than soap and water — it's
far easier to keep hands clean than
clothing.

But the placement of alcohol-based
hand santitzer for health workers isn't
as convenient as it could be, reducing
its use. The reason' in the early 2000s,
fire marshals began requiring hospitals
cause hand santitzers of the study
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hlammable.

Fire codes now limit where they can be placed or how much can be kept on a be placed or how much can be kept on a be placed or how much can be kept on a be placed or how much can be kept on a beautiful and a salitizers are most often used in hallways, though greater use closer to patients could be more effective. One creative team of researchers studied what would happen if dispensers were hung over patients' beds on a trapeze-bar apparatus. This put the santitzer in obvious, plain view as clinicians tended to patients. The result? Over 50 percent more hand santitzer was used.

Although there have been fires in hospitals traced to alcohol-based hand santitzer, they are rare were for the control of the con