



Child Injury Prevention

Photosphere: an intervention for community-based healthcare staff and families

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Why home injuries?

- In the UK, ~ 35,000 children <3 years old attend emergency departments (EDs) annually with an injury
- Injuries to the <3's are likely to occur in the home
- They are also more likely to re-attend with a further injury

Intervention development

- Community staff highlighted the need for a resource
- Literature review & evidence synthesis
- Scope of possible interventions
- Consulted with subject experts
- PPI groups (n=8)
 - Community healthcare professionals
 - Parents



Unsafe kitchen - photo



Injury Prevention Photospheres

Learn about common household hazards, their dangers and how you can keep your children safe in your own home.

Scroll around each room (with your finger or mouse) and see if you can identify all the hazards. You can add a marker where you think there is a hazard by tapping the *Identify Hazard* button and tapping on the hazard.

Learn the Hazards

Learn about the different hazards in your home.

Learn!

Test your Knowledge

Play against the clock to test your knowledge of hazards.

Play!

Create your Own

Create a photosphere of your own rooms.

Coming Soon!

Built by the [Design & Manufacturing Futures Lab](#), in collaboration with the [Centre for Academic Child Health](#), a joint initiative between University of Bristol and the University of Western England.

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Unsafe kitchen: some hazards have been identified (green rings) by playing spot the hazard quiz

 Restart

Time Remaining
00 00

Markers found: 9/12



Message that pops up when hazard is clicked on



Time Remaining

00 00

Markers found: 9/12

A cup of tea on the edge of the counter



Potential Danger

- Tea could easily be pulled and fall on a child
- Scalds can cause considerable pain, often need lengthy treatment and may result in lifelong scarring.

How can it be Prevented?

- Place hot drinks out of the reach of young children.
- Think about a 'safe tea' zone in your house which everyone knows about and where you place all hot drinks.

Close

What is new?



- A user-centred interactive environment based on a room similar to the user's own environment
- A visual interface using photorealistic images largely independent of language

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- Opportunities for peer-peer support and shared learning
- Remote assessments & reviews could be undertaken



Thankyou

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