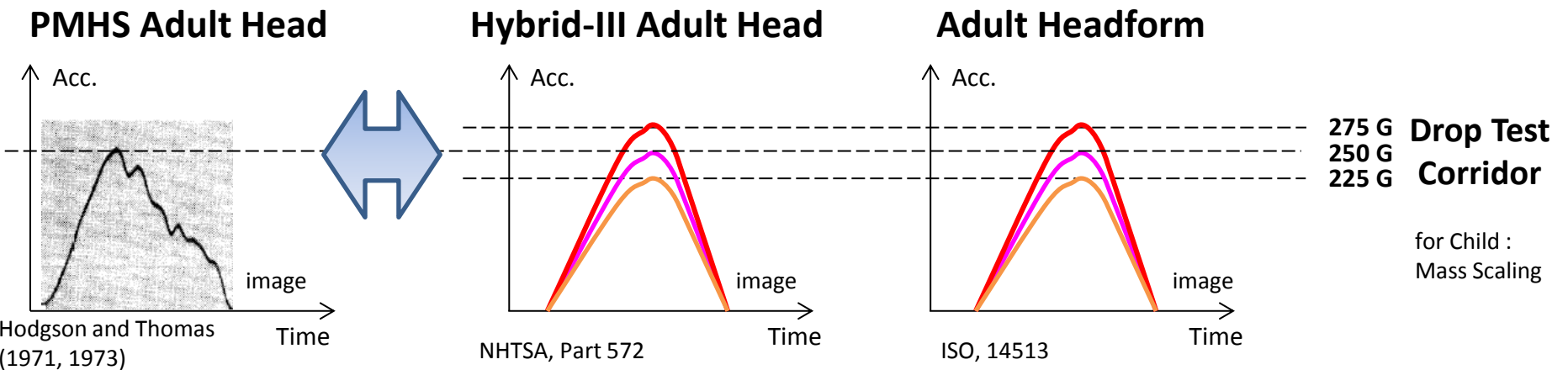
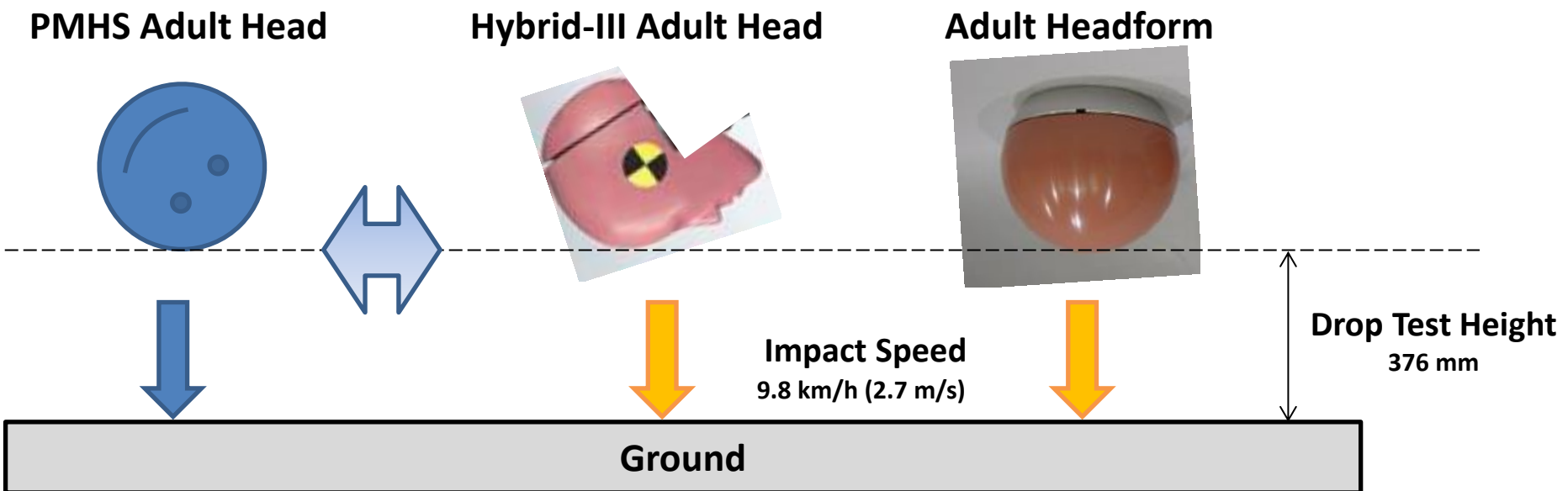


# **Validity of a Headform to be used for a Specific Impact Test Speed Condition**

UNECE GRSP Task Force  
Deployable Pedestrian Protection Safety  
2nd meeting, 28 – 29 Mar. 2017

# 1. Investigation Results

✓ **Biofidelity of the headform is confirmed by a drop test (Impact Speed: 9.8 km/h)**



✓ **No evidence was found for discussion with regards to the validity of the headform to be used at a specific impact test speed condition to a vehicle, in the ISO/IHRA documents.**

## 2. References

- Hodgson and Thomas (1971) "Comparison of Head Acceleration Injury Indices in Cadaver Skull Fractures," Paper 710854, Proceeding of Fifteenth Stapp Car Crash Conference, P-39, New York; Society of Automotive Engineers, Inc., 1971.
- Hodgson and Thomas (1973) "Breaking Strength of the Human Skull vs Impact Surface Curvature," Contract No. DOT-HS-146-2-230, Final Report, DOT-HS-801-002