

	<b>IMP-PM 6.0 Three-Dimensional Impressions</b>	
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	<i>Document Manager: Cheryl Lozen</i>	<i>Approved By: Jeffrey Nye</i>

## 6.0 Three-Dimensional Impressions

### 6.1 Introduction

Three-dimensional impressions are those impressions with the dimension of length, width, and depth.

### 6.2 Preparations

No specific preparations required.

### 6.3 Instrumentation

Light source / Photography / Imaging Equipment

### 6.4 Minimum Standards and Controls

As stated for the particular process or equipment used.

### 6.5 Procedure or Analysis

The procedure for examining three-dimensional impressions usually involves photographs or casts. Impressions that have been photographed are printed 1:1, if possible.

Casts may be photographed or scanned after cleaning in the laboratory. Examination and photography with oblique lighting may be necessary to view individual random characteristics on a cast.

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## 6.6 Interpretation of Results

Provided the submitted impressions are of value and a known shoe/tire, etc. has been submitted, a direct or side-by-side comparison is made between the questioned and known impression. If a known shoe/tire, etc. is not submitted, any information available in the questioned impression becomes part of the report for investigative leads. This may involve searching SICAR/SOLEMATE, Tread Design Guide, and/or other reference sources, including the internet or shoe/tire stores.

## 6.7 References

Footwear Impression Evidence, Bodziak, 1990, pp 59-96

Tire Imprint Evidence, McDonald, 1989, 47-64