

## DICOM Correction Item

Correction Number	CP-647
Log Summary: Clarify presence of empty return keys in response identifier	
Type of Modification	Name of Standard
Clarification	PS 3.4 2006
Rationale for Correction All keys requested in a query Request Identifier are required to be present in the Response Identifier, except when they are Optional Keys that are not supported by the SCP.  It is not entirely clear that these keys should be present with zero length in the response if they are supported, but have no value.  For example, it is intended that the Required Keys Accession Number (0008,0050) and Study ID (0020,0010) be returned in the response, with zero length, if there are no values in the database for them.	
Sections of documents affected PS 3.4 C.2.2.1, C.4.1.1.3.2	
Correction Wording:	

### C.4.1.1.3.2 Response Identifier Structure

The C-FIND response shall not contain Attributes that were not in the request or specified in this section.

An Identifier in a C-FIND response shall contain:

- Key Attributes with values corresponding to Key Attributes contained in the Identifier of the request.

**Notes: 1. All Required Keys in the Request Identifier, as well as all Optional Keys in the Request Identifier that are supported by the SCP, will therefore be present in the Response Identifier.**

**2. Required Keys and supported Optional Keys in the Response Identifier will have zero length if the SCP has no value to send; i.e., there is no requirement that the SCP have a value for these, or create a dummy value.**

**3. The requirement that unsupported Optional Keys present in the Request Identifier not be included in the Response Identifier is specified in C.2.2.1.3.**

- Query/Retrieve Level, element (0008,0052) which defines the level of the query. The Query/Retrieve level shall be equal to the level specified in the request.

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