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HL7 (Health Level Seven)

What HL7 (Health Level Seven) is:

HL7 (Health Level Seven) are a set of international standards used to transfer and share data between various healthcare providers (Noumeir, 2018). HL7 is a standard for exchanging information between medical applications. HL7 also bridges the gap between health information technology applications and makes healthcare data easier and efficient (Noomeir, 2018).

What HL7 used for:

1. HL7 Health Level Seven) standard defines and provides formats for messaging and data exchange.
2. HL7 rules syntax and common health data definitions in clinical documents in electronic health record (EHR) and personal health record (PHR).
3. HL7 claims attachments, quality reporting, product labels for prescription medications and clinical genomics.

Why HL7 important:

1. It facilitates easy communication between systems.
2. It implements cost effective solution pertaining to healthcare. helps facilitating the development of interoperable systems.
3. It helps in creating national health information network and electronic health record.
4. .It helps facilitating the development of interoperable systems.

Reference:

Noumeir, R. (2018). Active learning of the HL7 medical standard.
Journal of Digital Imaging 32(354-361)



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