Personalized Documents in OpenCms

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General Manager

Plambeck Health GmbH

Agenda

Plambeck Health

Requirements for Document Management

An OpenCms Solution

- Organizational Units
- XML Documents
- Editor
- Format Policy
- Metadata

Workflows

- Document setup
- Request/Response
- Obsolete Document
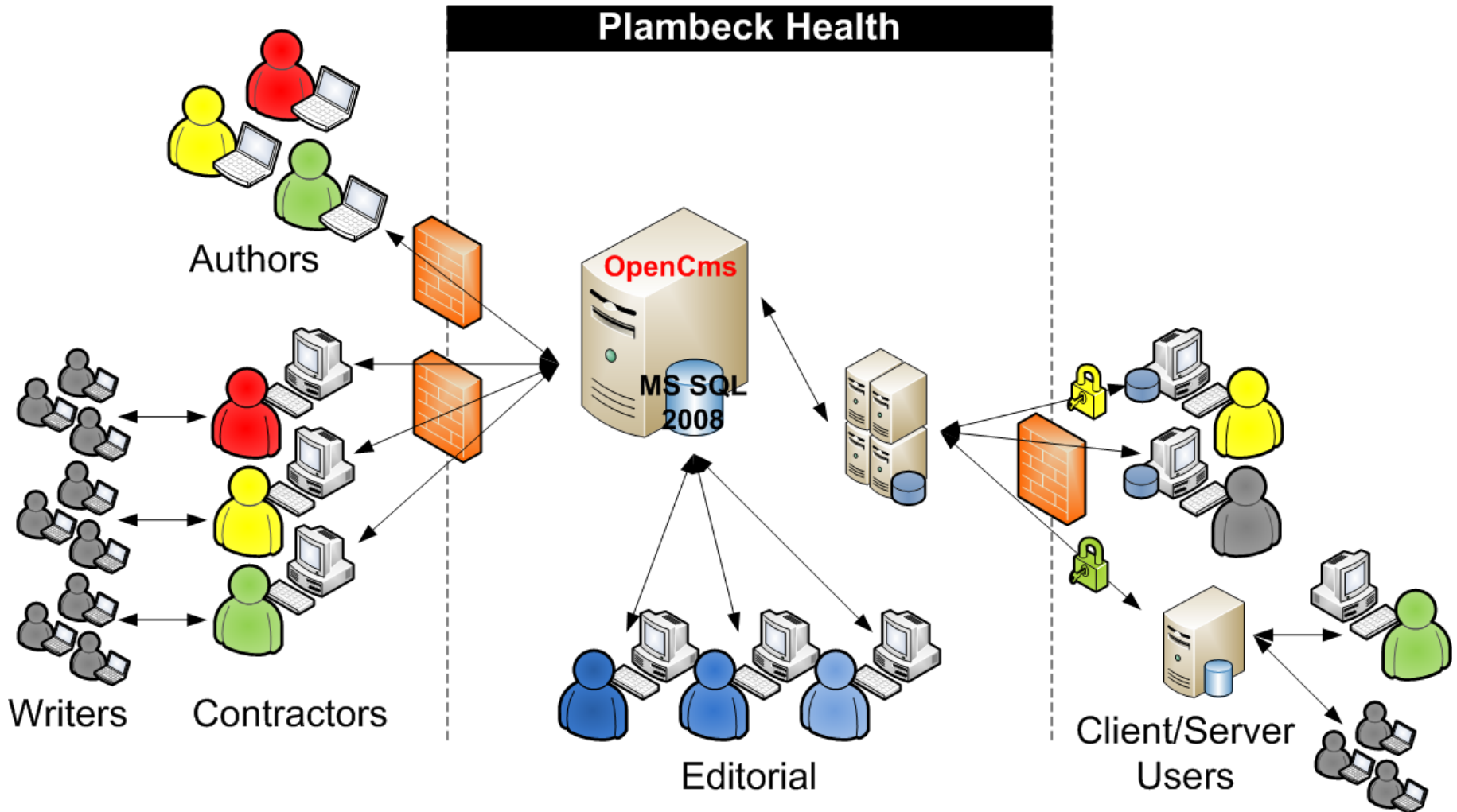
Questions

About Plambeck Health

- 100% Investment of Plambeck Holding AG, Cuxhaven

- located in Hamburg

- 25 People (50:50)

- Medical information and software

  – Patient Information and Communication System

Basic Infrastructure

Agenda

Plambeck Health

Requirements for Document Management

An OpenCms Solution

- Organizational Units

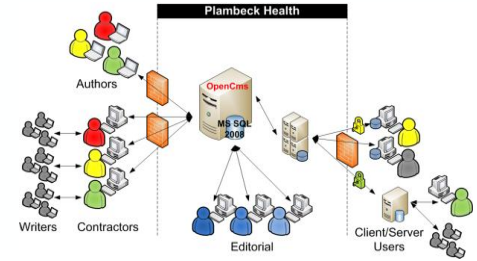- XML Documents

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- Document setup

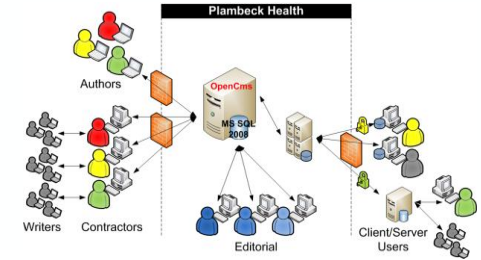- Request/Response

- Obsolete Document

Questions

CMS Requirements

- Authors
  - Internet access with personal login
    - High performant
    - Import & Export functionalities (esp. with MS-Word)
  - Easy to use GUI
    - Locale language
    - Explorer to navigate
    - MS-Word editor with WYSIWYG & track changes
    - Galleries
    - No format restrictions, esp. extensive copy & paste (text, pictures, documents)
  - Delegation options
    - Stuff
    - Ghostwriters
    - Reviewers
- Users
  - Well structured, consistent and standardized documents
  - Sophisticated search functionality

CMS Requirements

- Plambeck Health (Editorial)
    - Internet solution
        - Central user accounting
        - Self-managed contractor group accounting
    - Structured documents
        - Strong document types with given theme blocks
        - Block content and format policy
        - Metadata
            - Search indexing
            - Target groups
        - W3C XML document export (!)
    - Intuitive User Interface (GUI)
        - Explorer view
        - MS-Word-like editor with WYSIWYG
            - Supporting the format policy (and MS-Word „file import")
    - Link validation
    - Localization
        - German/English
    - High performance
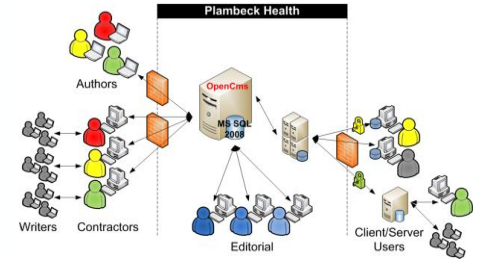
CMS Requirements

- Plambeck Health
  - Roles and responsibilies for editors
  - Document history
    - Versioning
    - Recover and callback
  - Workflows
    - Manage standardized proceses
      - Document setup
      - Document release management
      - Document closing process
    - Triggers and reminders
    - Assign & track tasks
    - Support for
      - Context related messaging and callbacks
      - Mail notify
  - etc.
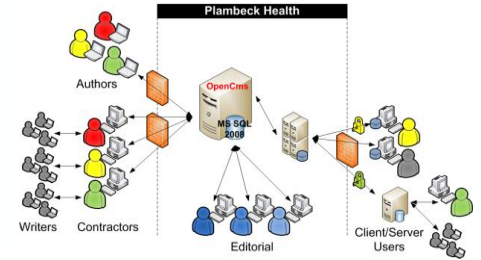
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An OpenCms Solution

- **Alkacon** OpenCms
  - Complete solution for WebSites
    - open source, no secrets
    - Fire proofed, stable and performant
  - Comprehensive „framework" for document management
    - Comes with a lot of additional „basic functionalities and tools"
    - Designed for customization
  - Customization for Plambeck Health
    - **comundus**, Waiblingen

User Management

- Organizational Units (OU) support centralized user accounting and self-managed delegation
- Groups, Roles & Permissions define detailed accessebility rights and responsibility sharing

Documents

- Explorer view
- Strongly structured document types with given theme blocks
- Metadata

Editor

- Block content and format policy
- MS-Word-like editor with WYSIWYG
  - Supporting the format policy
  - Supporting data import from MS-Word

Format Policy

- Restricted format tools
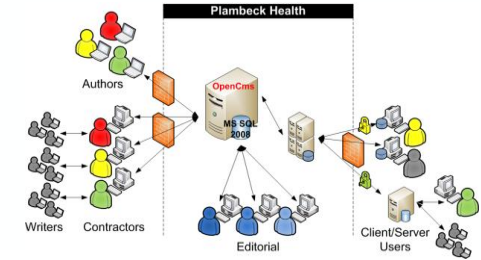
- Format boxes

In Kürze

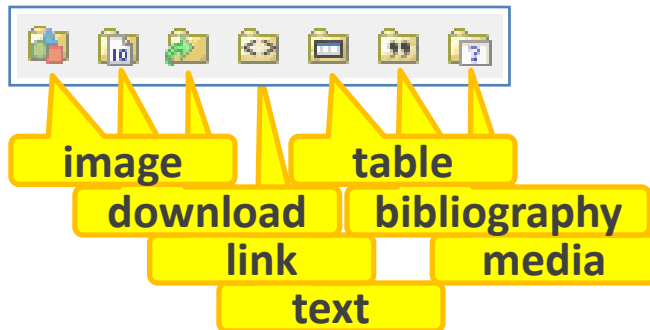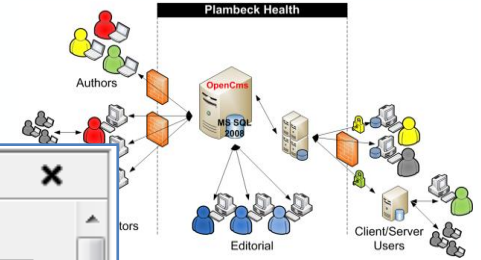Die meisten Bandscheibenvorfälle sind durch Abnutzungserscheinungen (Degenerationsprozesse) verursacht; sie treten überwiegend zwischen dem 30.-45. Lebensjahr auf. Der Faserring (Anulus fibrosus) der Bandscheibe reißt und der weiche Gallertkern (Nucleus pulposus) tritt in den Rückenmarkskanal und komprimiert das Rückenmark und seine Nerven. Am häufigsten betroffen ist die Lendenwirbelsäule, dann folgt die Halswirbelsäule; in der Brustwirbelsäule kommt es nur in Ausnahmefällen zu einem Bandscheibenschaden.

- Predefined objects managed in galleries

image   **table**
  download   **bibliography**
      link   **media**
          text

Metadata

Plambeck Health

Details

Title:	herniated vertebral disk
Category:	Artikel Human
Target audience:	Doctors
Genus:	Human
Body part:	Wirbelsäule&Knochen
Last Modified:	12.06.2009 von Martin Abel (Martin.Abel)
Last verified:	12.06.2009 09:36 by Martin Abel (Martin.Abel) [Set verified]
Obsolete:	[Set obsolete]
Responsible Person:	Martin.Abel
Update:	

Synonyms:

synonym [1]:	slipped disk
synonym [2]:	herniated disk

Keywords:

Keyword [1]:	Prolapsus nuclei pulposi
Keyword [2]:	Discusprolaps
Keyword [3]:	BSP

Metadata
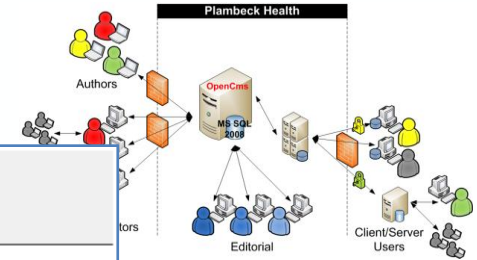
ICD-10:

Chapter

VII: Krankheiten des Auges und der Augenanhangsgebilde
VIII: Krankheiten des Ohres und des Warzenfortsatzes
IX: Krankheiten des Kreislaufsystems
X: Krankheiten des Atmungssystems
XI: Krankheiten des Verdauungssystems
XII: Krankheiten der Haut und der Unterhaut
XIII: Krankheiten des Muskel-Skelett-Systems und des Bindege

Block

M00-M25: Arthropathien
M00-M03: Infektiöse Arthropathien
M05-M14: Entzündliche Polyarthropathien
M15-M19: Arthrose
M20-M25: Sonstige Gelenkkrankheiten
M30-M36: Systemkrankheiten des Bindegewebes
M40-M54: Krankheiten der Wirbelsäule und des Rüc

Category

M45: Spondylitis ankylosans
M46: Sonstige entzündliche Spondylopathien
M47: Spondylose
M48: Sonstige Spondylopathien
M49: Spondylopathien bei anderenorts klassifizierten Krankheit
M50: Zervikale Bandscheibenschäden
M51: Sonstige Bandscheibenschäden

Subcategory

-
M51.0: Lumbale und sonstige Bandscheibenschäden
M51.1: Lumbale und sonstige Bandscheibenschäden
M51.2: Sonstige näher bezeichnete Bandscheibenve
M51.3: Sonstige näher bezeichnete Bandscheibende
M51.4: Schmorl-Knötchen
M51.8: Sonstige näher bezeichnete Bandscheibensc

[Add]

Selection

M50: Zervikale Bandscheibenschäden
M51: Sonstige Bandscheibenschäden

[Delete selected]

Analysis:

	Paragraphs	Words	Characters	Filters	Images	Tables
Zusammenfassung	1	142	1287	0	0	0
Beschreibung der Krankheit	46	1538	11965	0	5	5
Ursachen	11	460	3545	0	0	0
Symptome	15	759	5734	0	0	0
Komplikationen	9	401	3117	0	1	1
Untersuchungen zur Diagnosestellung	11	557	4258	0	1	1
Heilmethoden/Therapien	40	1394	11226	0	1	1
Prognose	3	212	1783	0	0	0
Vorbeugung/Prävention	9	86	774	0	0	0
Praktische Tipps	1	75	631	0	0	0
Aktuelles	6	107	1040	0	0	0
Artikel	152	5731	45360	0	8	8

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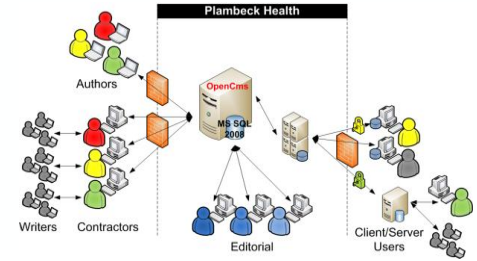
- Editor

- Format Policy

- Metadata

Workflows

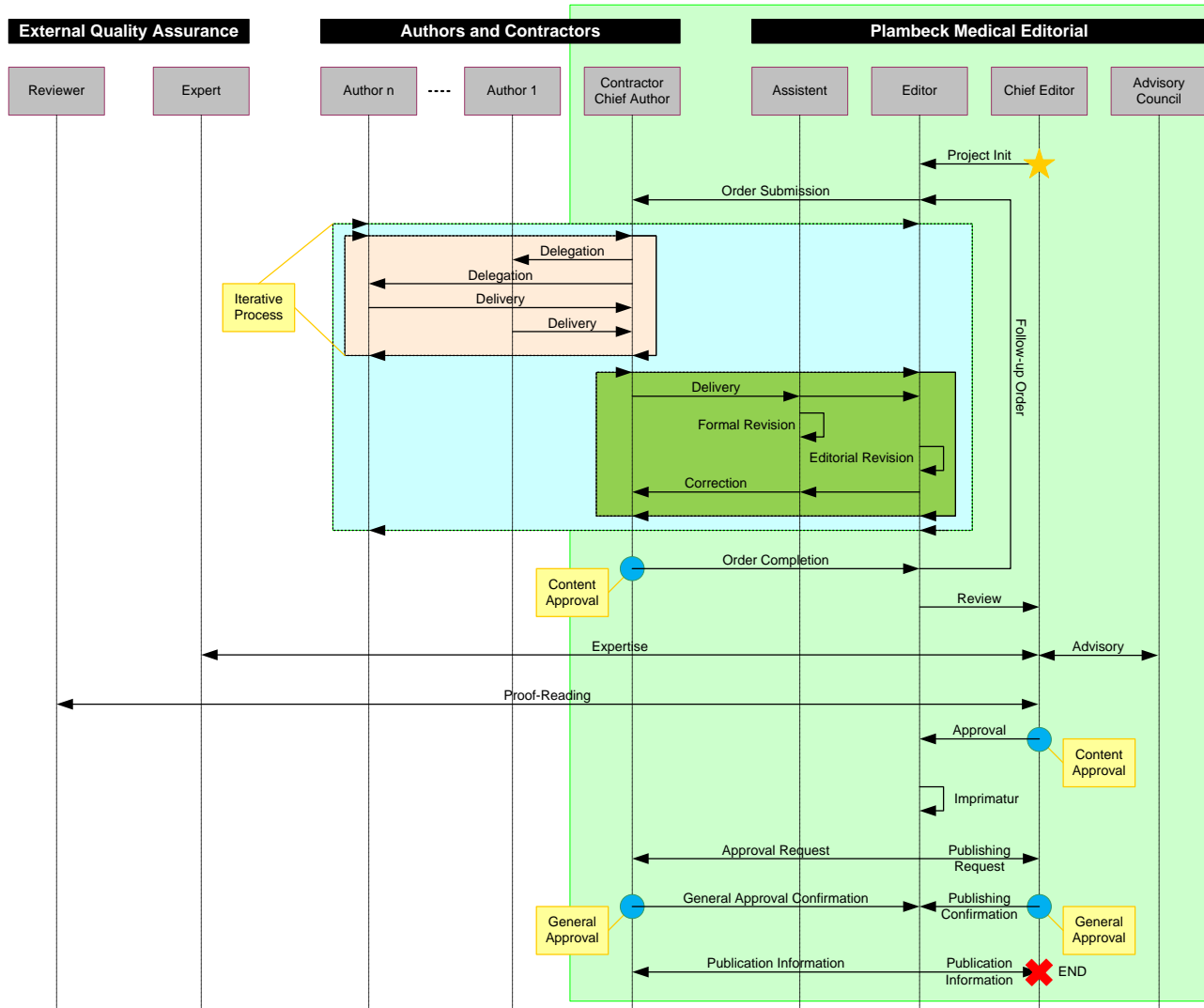- Document setup

- Request/Response

- Obsolete Document

Questions

Workflows

- Steering standardized processes
  - Document setup
  - Document release management
  - Document closing
- Process documentation
  - Assign & track tasks
  - Context related messaging and callbacks
- Quality Assurance
  - Triggers and reminders
  - Mail notify
- Document history
  - Versioning (audit reports)
  - Recover (user/author callbacks)

Workflows

Document setup workflow (simplified)

Workflows - Setup

Chief editor: Martin Abel

Assigned person notified by eMail

Workflows - Step

Text editor: Rolf Lange
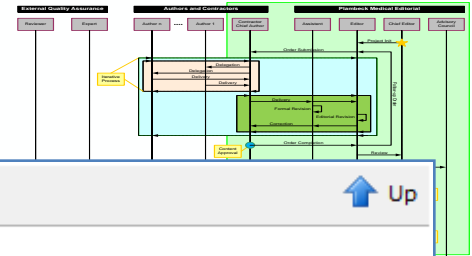
Assigned person notified by eMail

Workflows - Request

Text editor: Rolf Lange
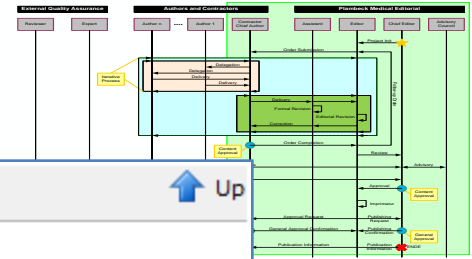
State of tasks

Up

Tasks of the instance Update article: herniated vertebral disc (slipped disc)

Tasks of the instance Update article: herniated vertebral disc (slipped disc) (9)

Comments   Print

Search

State	Task	Completed▼	R
Completed	Textredakteur initiert	6/14/09	✉
Running	Verantwortlicher Autor zuweist Autoren/schreibt den Artikel	Waiting for Martin Abel (Martin.Abel) from root organizational unit	✉
Open	Textredakteur überprüft/erfasst Texte		✉
Open	Chefredakteur bestätigt Erfassung		✉
Open	Bildredakteur erfasst Bilder		
Open	Textredakteur erstellt Imprimatur		
Open	Verantwortlicher Autor bestätigt Imprimatur		
Open	Chefredakteur bestätigt Imprimatur		

Requests

Requests

New request

Requests for task 'Verantwortlicher Autor zuweist Autoren/schreibt den Artikel' in Process 'Update article: herniat...'
Requests for task 'Verantwortlicher Autor zuweist Autoren/schreibt den Artikel' in Process 'Update article: herniated vertebral disc (

Search

Date	From	To	Text
No entries have been found.

New request

Up

From:	Rolf.Lange
To:	Martin.Abel
text:	OK, done! But what about the new ICD-10 codes? Should I really use them, already? Rolf

Requested person notified by eMail

Requests for task 'Verantwortlicher Autor zuweist Autoren/schreibt den Artikel' in Process 'Update article: herniated vertebral disc (slipped disc)'

Requests for task 'Verantwortlicher Autor zuweist Autoren/schreibt den Artikel' in Process 'Update article: herniated vertebral disc (slipped disc)' (1)
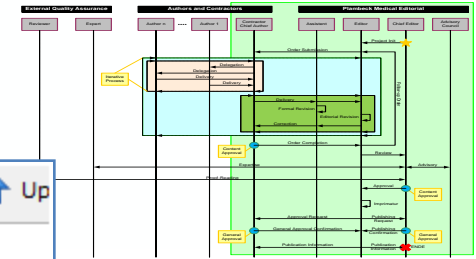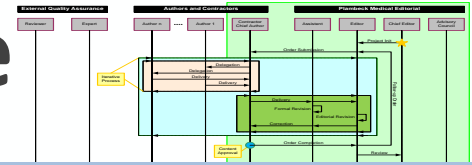
Print

Search

Date	From	To	Text	D A▼
6/14/09 1:20 PM	Rolf.Lange	Martin.Abel	**Request:** OK, done! But what about the new ICD-10 codes? Should I really use them, already? Rolf	⊗

Workflows - Response

Contractor: Martin Abel

Anything documented in process context!

Workflows – Obsolete Article
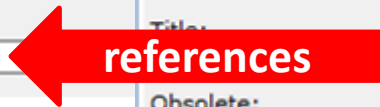
All persons responsible for an article referencing the obsolete article will be requested to update their links!

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