What Group Concept Mapping is About

- Structured approach to **objectively** identify the **common** understanding of a **group** of experts about a particular issue
- Involves participants in **a few simple activities** (generating, sorting and rating of ideas) that most people are used to
- Robust **analysis** (MDS and HCA). GCM quantitatively aggregate original participants contribution to show the group collective view (as thematic clusters)
- **Visualisation.** GCM presents the results from the analysis as conceptual maps and other graphical representations (pattern matches and go-zones)
Group Concept Mapping Process

- Idea generation
- Sorting on similarity in meaning
- Rating on some values (e.g. importance, feasibility)
- Analysis
- Interpretation of data
- Utilization
Clusters’ labels

- Clinical Microsystem
- Transfer/Impact
- Workplace Learning
- Training Methods
- Communication
- Standardization
- Coordination

Centre for Learning Sciences and Technologies
Cluster rating map (importance)
Cluster rating map (feasibility)
Pattern match rating values

<table>
<thead>
<tr>
<th>Priority</th>
<th>Applicability</th>
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<tbody>
<tr>
<td>Usability</td>
<td>Support Group Activities</td>
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<tr>
<td>Performance</td>
<td>Privacy</td>
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<tr>
<td>Educational Innovation</td>
<td>Data</td>
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<tr>
<td>Privacy</td>
<td>Performance</td>
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</tbody>
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Support Group Activities: 3.17
Usability: 3.72
Performance: 3.62
Data: 2.84
Privacy: 3.17
Educational Innovation: 3.62

$r = -0.16$
45. To build a working prototype
67. The ability to satisfy the design specifications
8. To learn to deconstruct authentic clinical problems
23. Skillful in applying different methods for evaluating the ideas generated.
68. The ability to apply design methodologies in real-life situations, resulting into a functional product (device, software, procedure)
16. Being able to conduct task analysis.
17. Include different evaluation activities through the whole design cycle.
15. Can address usability issues.
22. Being able to conduct needs analysis.
38. Learn a design based approach to developing healthcare technology
One specific change that Learning Analytics will trigger in Dutch education in the next 5 years is ....
Online rating

Please rate the following statements, in the range indicated below.
Rate each statement on a 1-to-5 scale where: 1=relatively unimportant; 2=somewhat important; 3=moderately important; 4=very important; 5=extremely important. Try to use the full range of ratings values (e.g. 1 to 5). In absolute sense, maybe every statement is important but your task here is to judge the relative importance of the statements when compared to each other.

Project Focus Prompt: One specific characteristic of effective handover training is...

- Show unrated statements only
- Show all statements

<table>
<thead>
<tr>
<th>Rating</th>
<th>Statement</th>
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<tbody>
<tr>
<td></td>
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<tr>
<td></td>
<td>Look for a standard approach to handover communication. [create]</td>
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<td></td>
<td>Adopt methods already used in other domains (Crew Resource Management, I-SBAR, Five Ps, I-PASS-THE-BATTON). [create]</td>
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<td></td>
<td>Shift attention from one doctor-one patient relationships to cross-cover patent commitments and transfer of professional responsibility. [create]</td>
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<td></td>
<td>Adopt methods of high-performance teams. [create]</td>
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<td></td>
<td>Create appropriate attitudes, climate and role models.</td>
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<tr>
<td></td>
<td>Teach handover providers to tell a ‘better story’.</td>
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</tbody>
</table>
Planning of the GCM study

05.07.2013 – Start of Brainstorming at LASI event (YOU)
26.07.2013 – Closing of brainstorming
02.08.2013 – Cleaning of ideas
09.08.2013 – Sorting and Rating of Ideas (YOU)
11-18.09.13 – FREE Master Class on Learning Analytics (YOU)
12.09.2013 – Closing of Sorting and Rating at Master class
13.09.2013 – Preliminary results reported in Master class (YOU)
15.09.2013 – Analysis of GCM data by SURF SIG LA
16.12.2013 – Public report of GCM by SIG (For YOU)
Finalizing of the GCM study

FREE Masterclass on Learning Analytics:

bit.ly/MC_LA
Link to the brainstorming page

bit.ly/LASI_brainstorm