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| CVMIG Minutes | |
| **Date:** | 09/05/16 |

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| **Participants:** | |
| Antonio, Charmae (CA)  Bautista, Louise Gillian [Chip] (CB) | Pros Naval (PN), |

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| **I = Information, D = Decision, A = Assignment, S = Statement, P = Proposal** |

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| **No.** | **Type** | **Responsible** | **Subject** | **Due** |
| 1. | P | CA, CB | * Shape-constrained Deformable Model   + To be used for vertebrae segmentation |  |
| 2 | S | PN | * Shape-constriained Deformable Model needs manual user input. * Snake-based segmentation |  |
| 3. | D | PN | * Use deep learning instead for both segmentation and classification. (CNNs). * Don’t use shape-constrained model or other models anymore. |  |
| 4 | A | CA, CB | * Install TensorFlow and learn it * Look for more references for 3D fractures * Install HOROS Image viewer/other viewers * Create presentation slides for Dado Banatao’s visit. * Send revised thesis proposal * E-mail organizers regarding the release of xVertSeg results | 09/13/16  09/09/16 |
| 5 | S | CB | * Concern on data set: xVertSeg only provides 25 classified and segmented images. |  |
| 6 | A | CA, CB | * E-mail researchers for additional data sets, check SpineWeb |  |
| 7 | I | PN | * Dado Banatao’s expertise is on chips (hardware), not software. * Presentation should answer ‘What’s your problem?’ and ‘Why do you want to solve that problem?’ * We should know the difference of vertebral fractures compared to other fractures. * Rafael Bundoc/Josephine Bundoc – ka-partner from PGH/UP Manila |  |