Encounter/Location templates usage

Encounter

```json
1  {
2    "resourceType": "Encounter",
3    "id": "some-encounter-id",
4    "status": "finished",
5    "class": {
6      "system": "http://terminology.hl7.org/CodeSystem/v3-ActCode",
7      "code": "IMP",
8      "display": "inpatient encounter"
9    },
10
11   "subject": {
12     "reference": "Patient/24235135"
13   },
14   "location": [
15     {
16       "location": {
17         "reference": "Location/1",
18         "display": "Hospital unit"
19       },
20       "status": "completed",
21       "period": {
22         "start": "2017-02-01T17:23:07Z",
23         "end": "2017-03-01T02:45:07Z"
24       }
25     },
26     {
27       "location": {
28         "reference": "Location/loc1",
29         "display": "ICU"
30       },
31       "status": "completed",
32       "period": {
33         "start": "2017-03-01T02:45:07Z",
34         "end": "2017-04-01T02:45:07Z"
35       }
36     }
37   ],
38   "period": {
39     "start": "2017-02-01T17:23:07Z",
40     "end": "2017-04-01T17:23:07Z"
41   }
42 }
```

Location (bed)

```json
1  {
2    "resourceType": "Location",
3    "id": "loc1",
4    "identifier": [
5      {
6        "value": "roomNb-bedNb"
7      }
8    ],
9    "physicalType": {
10     "coding": [
11       {
12         "system": "http://terminology.hl7.org/CodeSystem/location-physical-type",
13         "code": "bd",
14         "display": "Bed"
15       }
16     ]
17   },
18   "type": [
19     {
20       "coding": [
21         {
22           "system": "http://terminology.hl7.org/CodeSystem/v3-RoleCode",
23           "code": "ICU",
24           "display": "Intensive care unit"
25         }
26       ]
27     }
28   ],
29
30   "partOf" : {
31     "reference": "Location/ward1"
32   }
33 }
```

Location (ward)

```json
1  {
2    "resourceType": "Location",
3    "id": "ward1",
4    "identifier": [
5      {
6        "value": "13S"
7      }
8    ],
9    "physicalType": {
10     "coding": [
11       {
12         "system": "http://terminology.hl7.org/CodeSystem/location-physical-type",
13         "code": "wa",
14         "display": "Ward"
15       }
16     ]
17   },
18   "type": [
19     {
20       "coding": [
21         {
22           "system": "http://terminology.hl7.org/CodeSystem/v3-RoleCode",
23           "code": "ICU",
24           "display": "Intensive care unit"
25         }
26       ]
27     }
28   ]
29 }
```

NOTES:
- One Encounter resource contains an array of location references (one to many)
- The bed number (or combination of room number + bed number) is given in the identifier.value of the Location-bed resource
- The partOf field of the Location-bed resources reference the Location-ward resource in which the bed is located

Emergency encounter cases:

Encounter of the ER class will also reference Location resources at bed-level. In cases when details about the location in the emergency department can be provided, this detail (internal) code should be put in the identifier.value field of the Location-bed resource.

The table beside shows an example of information related to EMER class Encounter.

In this example, the *code_emplace* value should go into the *identifier.value* field of the Location-bed resource. In the Location-bed resource, there could be a *description* field containing the *de1* value.

	cod_emplace	de1	de2	ind_activi	ind_defaut
1	SA	Salle d'attente	Waiting room	A	N
2	CO	Corridor	Corridor	A	N
3	RE	Réanimation	Réanimation	I	N
4	EF	Évaluation fonctionnelle	Évaluation fonctionnelle	A	N
5	CH	Aire de choc	Aire de choc	A	N
6	O2	À coucher	Nil	A	N
7	O3	Aire sécurisée	Aire sécurisée	A	N
8	AT	Aire de télémétries	Aire de télémétries	A	N
9	AM	Aire de moniteurs	Aire de moniteurs	A	N
10	OB	Aire d'observation	Aire d'observation	A	N
11	D2	Aire de transit 2	Aire de transit 2	A	N
12	ZE	Zone d'évaluation rapide	Nil	I	N
13	AB	Ambulatoire	Nil	A	N
14	DE	Aire de transit 1	Aire de transit 1	A	N
15	A2	Aire de moniteur 2	Aire de moniteur 2	I	N