
NDOH-Control Documentation

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Django application for MomConnect control interfaces. This documentation is mostly geared towards beginning developers interested in building on top of the API's it exposes.

NDOH Control Registration API

The Registration REST-based API allows for sending registrations to the system to be processed and potentially create subscriptions to stage-based messaging.

1.1 Connection & Authentication

You'll be given a URL base and security token depending on the deployment you are connecting to.

Authentication is via HTTP Headers. The *Authorization* header should be *Token InsertSecurityTokenHere*.

The *Content-Type* header should be *application/json*.

1.2 Registration fields

The patient registration endpoint to *POST* to is: */api/v2/registrations/*

The data provided should be:

1. *hcw_msisdn*: The cellphone in international format. E.g. +27845111111 of the healthcare worker making the registration or *null* if self
2. *mom_msisdn*: The cellphone in international format of the mother in international format.
3. *mom_id_type*: Identification method from *sa_id*, *passport*, *null*
4. *mom_passport_origin*: passport origin if passport
5. *mom_lang*: from codes listed in Language Options
6. *mom_edd*: in *YYYY-MM-DD* format
7. *mom_id_no*: the identification data for SA ID or international passport
8. *mom_dob*: in *YYYY-MM-DD* format
9. *clinic_code*: integer, should be valid SA clinic code, or *null*
10. *authority*: from *clinic*, *chw*, *personal*

1.3 Passport Options

mom_passport_origin can be one of the following:

- *zw: Zimbabwe*
- *mz: Mozambique*
- *mw: Malawi*
- *ng: Nigeria*
- *cd: DRC*
- *so: Somalia*
- *other: Other*

1.4 Language Options

mom_lang can be one of the following:

- *zu: isiZulu*
- *xh: isiXhosa*
- *af: Afrikaans*
- *en: English*
- *nso: Sesotho sa Leboa*
- *tn: Setswana*
- *st: Sesotho*
- *ts: Xitsonga*
- *ss: siSwati*
- *ve: Tshivenda*
- *nr: isiNdebele*

1.5 Example Payloads

Clinic Health Care Worker-led on mothers device:

```
{  
    "hcw_msisdn": null,  
    "mom_msisdn": "+27001",  
    "mom_id_type": "sa_id",  
    "mom_passport_origin": null,  
    "mom_lang": "en",  
    "mom_edd": "2015-08-01",  
    "mom_id_no": "8009151234001",  
    "mom_dob": "1980-09-15",  
    "clinic_code": "12345",  
    "authority": "clinic"  
}
```

Clinic Health Care Worker-led on HCW device:

```
{
    "hcw_msisdn": "+27820010001",
    "mom_msisdn": "+27001",
    "mom_id_type": "passport",
    "mom_passport_origin": "zw",
    "mom_lang": "af",
    "mom_edd": "2015-09-01",
    "mom_id_no": "5551111",
    "mom_dob": null,
    "clinic_code": "12345",
    "authority": "clinic"
}
```

Community Health Care Worker-led on mothers device:

```
{
    "hcw_msisdn": null,
    "mom_msisdn": "+27002",
    "mom_id_type": "none",
    "mom_passport_origin": null,
    "mom_lang": "xh",
    "mom_edd": null,
    "mom_id_no": null,
    "mom_dob": "1980-10-15",
    "clinic_code": null,
    "authority": "chw"
}
```

Community Health Care Worker-led on HCW device:

```
{
    "hcw_msisdn": "+27820020002",
    "mom_msisdn": "+27002",
    "mom_id_type": "sa_id",
    "mom_passport_origin": null,
    "mom_lang": "zu",
    "mom_edd": null,
    "mom_id_no": "8011151234001",
    "mom_dob": "1980-11-15",
    "clinic_code": null,
    "authority": "chw"
}
```

Detailed self-registration:

```
{
    "hcw_msisdn": null,
    "mom_msisdn": "+27003",
    "mom_id_type": "passport",
    "mom_passport_origin": "mz",
    "mom_lang": "st",
    "mom_edd": null,
    "mom_id_no": "5552222",
    "mom_dob": null,
    "clinic_code": null,
    "authority": "personal"
}
```

Minimal self-registration:

```
{  
    "hcw_msisdn": null,  
    "mom_msisdn": "+27004",  
    "mom_id_type": "none",  
    "mom_passport_origin": null,  
    "mom_lang": "ss",  
    "mom_edd": null,  
    "mom_id_no": null,  
    "mom_dob": null,  
    "clinic_code": null,  
    "authority": "personal"  
}
```

Indices and tables

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