#### Case Series Drug Analysis Print Name: FOI 21/177- DTPA IPV Vaccine in Pregnancy DAP

Report Run Date: 11-Mar-2021

Data Lock Date: 22-Feb-2021 19:00:03

Earliest Reaction Date: 05-Oct-2012 MedDRA Version: MedDRA 23.1

FOI 21/177- DTPA IPV All spontaneous suspected UK Adverse Drug Reaction Vaccine in Pregnancy (ADR) reports associated in Pregnancy with the DTPA IPV vaccine.

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Report Run Date: 11-Mar-2021 Data Lock Date: 22-Feb-2021 19:00:03
Earliest Reaction Date: 05-Oct-2012 MedDRA Version: MedDRA 23.1

| Reaction Name                  | Total | Fatal |
|--------------------------------|-------|-------|
| Blood disorders                |       |       |
| Anaemias NEC                   |       |       |
| Anaemia                        | 2     | 0     |
| Lymphatic system disorders NEC |       |       |
| Lymphadenopathy                | 1     | 0     |
| Blood disorders SOC TOTAL      | 3     | 0     |

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Earliest Reaction Date: 05-Oct-2012

| Reaction Name                  | Total | Fatal |
|--------------------------------|-------|-------|
| Cardiac disorders              |       |       |
| Cardiac signs and symptoms NEC |       |       |
| Palpitations                   | 2     | 0     |
| Rate and rhythm disorders NEC  |       |       |
| Tachycardia                    | 2     | 0     |
| Cardiac disorders SOC TOTAL    | 4     | 0     |

## Case Series Drug Analysis Print OI 21/177- DTPA IPV Vaccine in Pregnancy DA

Name: FOI 21/177- DTPA IPV Vaccine in Pregnancy DAP

Report Run Date: 11-Mar-2021 Data Lock Date: 22-Feb-2021 19:00:03

Earliest Reaction Date: 05-Oct-2012 MedDRA Version: MedDRA 23.1

| Reaction Name   | Total | Fatal |
|---|-------|-------|
| Congenital disorders  |       |       |
| Cardiac septal defects congenital                                   |       |       |
| Ventricular septal defect   | 1     | 0     |
| Lens disorders congenital   |       |       |
| Cataract congenital   | 3     | 0     |
| Musculoskeletal and connective tissue disorders of limbs congenital |       |       |
| Polydactyly   | 1     | 0     |
| Syndactyly  | 1     | 0     |
| Neurological disorders congenital NEC                               |       |       |
| Congenital neurological disorder                                    | 1     | 0     |
| Tongue disorders congenital   |       |       |
| Ankyloglossia congenital  | 2     | 0     |
| Congenital disorders SOC TOTAL                                      | 9     | 0     |

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Report Run Date: 11-Mar-2021 Earliest Reaction Date: 05-Oct-2012

| Reaction Name           | Total | Fatal |
|-------------------------|-------|-------|
| Ear disorders           |       |       |
| Hyperacusia             |       |       |
| Hyperacusis             | 1     | 0     |
| Ear disorders SOC TOTAL | 1     | 0     |

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| Reaction Name                     | Total | Fatal |
|-----------------------------------|-------|-------|
| Eye disorders                     |       |       |
| Ocular nerve and muscle disorders |       |       |
| Strabismus                        | 1     | 0     |
| Ocular sensation disorders        |       |       |
| Photophobia                       | 1     | 0     |
| Eye disorders SOC TOTAL           | 2     | 0     |

## Case Series Drug Analysis Print 21/177- DTPA IPV Vaccine in Pregnancy DA

Name: FOI 21/177- DTPA IPV Vaccine in Pregnancy DAP

Report Run Date: 11-Mar-2021 Data Lock Date: 22-Feb-2021 19:00:03

Earliest Reaction Date: 05-Oct-2012 MedDRA Version: MedDRA 23.1

| Reaction Name   | Total | Fatal |
|---|-------|-------|
| Gastrointestinal disorders                                  |       |       |
| Diarrhoea (excl infective)                                  |       |       |
| Diarrhoea   | 3     | 0     |
| Gastrointestinal and abdominal pains (excl oral and throat) |       |       |
| Abdominal pain  | 1     | 0     |
| Abdominal pain upper  | 2     | 0     |
| Gastrointestinal pain                                       | 1     | 0     |
| Gastrointestinal atonic and hypomotility disorders NEC      |       |       |
| Constipation  | 1     | 0     |
| Gastrooesophageal reflux disease                            | 2     | 0     |
| Nausea and vomiting symptoms                                |       |       |
| Nausea  | 4     | 0     |
| Retching  | 1     | 0     |
| Vomiting  | 5     | 0     |
| Non-mechanical ileus  |       |       |
| lleus paralytic   | 1     | 0     |
| Gastrointestinal disorders SOC TOTAL                        | 21    | 0     |

## Case Series Drug Analysis Print OI 21/177- DTPA IPV Vaccine in Pregnancy DAI

| Earliest Reaction Date: 05-Oct-2012 MedDRA Version: MedDRA 23.1 |                |              |
|---|----------------|--------------|
| Reaction Name   | <u>  Total</u> | <u>Fatal</u> |
| General disorders   |                |              |
| Application and instillation site reactions                     |                |              |
| Application site pruritus                                       | 1              | 0            |
| Application site swelling                                       | 1              | 0            |
| Asthenic conditions   |                |              |
| Asthenia  | 2              | 0            |
| Fatigue   | 9              | 0            |
| Malaise   | 4              | 0            |
| Death and sudden death  |                |              |
| Death   | 2              | 2            |
| Death neonatal  | 1              | 1            |
| Febrile disorders   |                |              |
| Pyrexia   | 8              | 0            |
| Feelings and sensations NEC                                     |                |              |
| Chills  | 2              | 0            |
| Feeling abnormal  | 1              | 0            |
| General signs and symptoms NEC                                  |                |              |
| Crying  | 1              | 0            |
| Illness   | 1              | 0            |
| Influenza like illness  | 1              | 0            |
| Peripheral swelling   | 3              | 0            |
| Swelling  | 2              | 0            |
| Injection site reactions  |                |              |
| Injection site erythema   | 3              | 0            |
| Injection site pain   | 3              | 0            |
| Injection site warmth   | 1              | 0            |
| Interactions  |                |              |
| Food interaction  | 1              | 0            |
| Pain and discomfort NEC   |                |              |
| Facial pain   | 1              | 0            |
| Pain  | 6              | 0            |
| Vaccination site reactions                                      |                |              |
| Vaccination site discomfort                                     | 1              | 0            |
| Vaccination site erythema                                       | 2              | 0            |
| Vaccination site mass   | 1              | 0            |
| Vaccination site movement impairment                            | 1              | 0            |
| Vaccination site pain   | 5              | 0            |
| Vaccination site pruritus                                       | 1              | 0            |
| Vaccination site rash   | 1              | 0            |
| Vaccination site reaction                                       | 1              | 0            |
| Vaccination site swelling                                       | 1              | 0            |
| Vaccination site warmth   | 2              | 0            |
| General disorders SOC TOTAL                                     | 69             | 3            |

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Report Run Date: 11-Mar-2021 Earliest Reaction Date: 05-Oct-2012

| Reaction Name               | Total | Fatal |
|-----------------------------|-------|-------|
| Hepatic disorders           |       |       |
| Cholestasis and jaundice    |       |       |
| Jaundice                    | 1     | 0     |
| Hepatic disorders SOC TOTAL | 1     | l o   |

| Reaction Name   | Total | Fatal |
|---|-------|-------|
| Immune system disorders                                       |       |       |
| Allergies to foods, food additives, drugs and other chemicals |       |       |
| Food allergy  | 2     | 0     |
| Anaphylactic and anaphylactoid responses                      |       |       |
| Anaphylactic shock  | 1     | 0     |
| Immune system disorders SOC TOTAL                             | 3     | 0     |

### Case Series Drug Analysis Print 21/177- DTPA IPV Vaccine in Pregnancy DAI

| Reaction Name                                   | Total | Fatal |
|---|-------|-------|
| Infections                                      |       |       |
| Bacterial infections NEC                        |       |       |
| Cellulitis                                      | 1     | 0     |
| Bordetella infections                           |       |       |
| Pertussis                                       | 4     | 0     |
| Ear infections                                  |       |       |
| Otitis media                                    | 1     | 0     |
| Female reproductive tract infections            |       |       |
| Amniotic cavity infection                       | 1     | 0     |
| Infections NEC                                  |       |       |
| Infection                                       | 1     | 0     |
| Injection site infection                        | 1     | 0     |
| Purulent discharge                              | 1     | 0     |
| Lower respiratory tract and lung infections     |       |       |
| Lower respiratory tract infection               | 2     | 0     |
| Sepsis, bacteraemia, viraemia and fungaemia NEC |       |       |
| Sepsis  | 1     | 1     |
| Sepsis neonatal                                 | 1     | 0     |
| Infections SOC TOTAL                            | 14    | 1     |

## Case Series Drug Analysis Print OI 21/177- DTPA IPV Vaccine in Pregnancy DA

| Reaction Name   | Total | Fatal |
|---|-------|-------|
| Injuries  |       |       |
| Exposures associated with pregnancy, delivery and lactation |       |       |
| Exposure during pregnancy                                   | 26    | 0     |
| Foetal exposure during pregnancy                            | 18    | 0     |
| Maternal exposure during pregnancy                          | 36    | 0     |
| Maternal exposure timing unspecified                        | 3     | 0     |
| Medication errors, product use errors and issues NEC        |       |       |
| Medication error  | 2     | 0     |
| Wrong technique in product usage process                    | 1     | 0     |
| Non-site specific procedural complications                  |       |       |
| Wound dehiscence  | 1     | 0     |
| Overdoses NEC   |       |       |
| Overdose  | 1     | 0     |
| Product administration errors and issues                    |       |       |
| Expired product administered                                | 3     | 0     |
| Inappropriate schedule of product administration            | 3     | 0     |
| Product administered at inappropriate site                  | 1     | 0     |
| Product administered to patient of inappropriate age        | 1     | 0     |
| Wrong product administered                                  | 5     | 0     |
| Product monitoring errors and issues                        |       |       |
| Labelled drug-disease interaction medication error          | 1     | 0     |
| Reproductive system and breast injuries                     |       |       |
| Perineal injury   | 2     | 0     |
| Skin injuries NEC   |       |       |
| Scar  | 1     | 0     |
| Underdoses NEC  |       |       |
| Underdose   | 1     | 0     |
| Injuries SOC TOTAL  | 106   | 0     |

## Case Series Drug Analysis Print I 21/177- DTPA IPV Vaccine in Pregnancy DAF

| Reaction Name                             | Total | Fatal |
|---|-------|-------|
| Investigations                            |       |       |
| Blood gas and acid base analyses          |       |       |
| Blood lactic acid decreased               | 1     | 0     |
| Cardiac auscultatory investigations       |       |       |
| Cardiac murmur                            | 1     | 0     |
| Foetal and neonatal diagnostic procedures |       |       |
| Amniotic fluid volume decreased           | 1     | 0     |
| Foetal monitoring abnormal                | 1     | 0     |
| Heart rate and pulse investigations       |       |       |
| Heart rate increased                      | 1     | 0     |
| Liver function analyses                   |       |       |
| Blood bilirubin increased                 | 1     | 0     |
| Liver function test abnormal              | 1     | 0     |
| Total bile acids increased                | 1     | 0     |
| Neurologic diagnostic procedures          |       |       |
| Lumbar puncture                           | 1     | 0     |
| Urinalysis NEC                            |       |       |
| Protein urine present                     | 1     | 0     |
| White blood cell analyses                 |       |       |
| White blood cell count increased          | 1     | 0     |
| Investigations SOC TOTAL                  |       | 0     |

## Case Series Drug Analysis Print 21/177- DTPA IPV Vaccine in Pregnancy DA

| Reaction Name   | <u>Total</u> | _Fatal_ |
|---|--------------|---------|
| Metabolic disorders   |              |         |
| Appetite disorders  |              |         |
| Decreased appetite  | 2            | 0       |
| Hypophagia  | 2            | 0       |
| Diabetes mellitus (incl subtypes)                                     |              |         |
| Diabetes mellitus inadequate control                                  | 1            | 0       |
| Food malabsorption and intolerance syndromes (excl sugar intolerance) |              |         |
| Dairy intolerance   | 1            | 0       |
| General nutritional disorders NEC                                     |              |         |
| Poor feeding infant   | 1            | 0       |
| Hypoglycaemic conditions NEC  |              |         |
| Hypoglycaemia neonatal  | 1            | 0       |
| Metabolic acidoses (excl diabetic acidoses)                           |              |         |
| Ketoacidosis  | 3            | 0       |
| Metabolic acidosis  | 2            | 0       |
| Metabolic disorders SOC TOTAL   | 13           | 0       |

## Case Series Drug Analysis Print 21/177- DTPA IPV Vaccine in Pregnancy DAF

| Reaction Name   | Total | Fatal |
|---|-------|-------|
| Muscle & tissue disorders                                 |       |       |
| Bursal disorders  |       |       |
| Bursitis  | 1     | 0     |
| Joint related signs and symptoms                          |       |       |
| Arthralgia  | 4     | 0     |
| Muscle pains  |       |       |
| Myalgia   | 3     | 0     |
| Muscle related signs and symptoms NEC                     |       |       |
| Muscle spasms   | 2     | 0     |
| Musculoskeletal and connective tissue pain and discomfort |       |       |
| Back pain   | 1     | 0     |
| Limb discomfort   | 1     | 0     |
| Neck pain   | 1     | 0     |
| Pain in extremity   | 3     | 0     |
| Muscle & tissue disorders SOC TOTAL                       | 16    | 0     |

## Case Series Drug Analysis Print 21/177- DTPA IPV Vaccine in Pregnancy DAI

|                                     | edDRA Version, wedDRA 23.1 |              |
|-------------------------------------|----------------------------|--------------|
| Reaction Name                       | Total                      | <u>Fatal</u> |
| Nervous system disorders            |                            |              |
| Disturbances in consciousness NEC   |                            |              |
| Lethargy                            | 2                          | 0            |
| Somnolence                          | 1                          | 0            |
| Facial cranial nerve disorders      |                            |              |
| Facial paralysis                    | 1                          | 0            |
| Headaches NEC                       |                            |              |
| Headache                            | 10                         | 0            |
| Sinus headache                      | 1                          | 0            |
| Tension headache                    | 2                          | 0            |
| Migraine headaches                  |                            |              |
| Migraine                            | 1                          | 0            |
| Neurological signs and symptoms NEC |                            |              |
| Dizziness                           | 3                          | 0            |
| Paraesthesias and dysaesthesias     |                            |              |
| Burning sensation                   | 1                          | 0            |
| Paraesthesia                        | 2                          | 0            |
| Seizures and seizure disorders NEC  |                            |              |
| Neonatal seizure                    | 1                          | 0            |
| Sensory abnormalities NEC           |                            |              |
| Neuralgia                           | 1                          | 0            |
| Structural brain disorders NEC      |                            |              |
| Brain injury                        | 1                          | 0            |
| Nervous system disorders SOC TOTAL  | 27                         | <u>'l o</u>  |

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| Earliest Reaction Date: 05-Oct-2012 MedDRA Version: MedDRA 23.1 |              |       |
|---|--------------|-------|
| Reaction Name   | <u>Total</u> | Fatal |
| Pregnancy conditions  |              |       |
| Abortions spontaneous   |              |       |
| Abortion spontaneous  | 1            | 0     |
| Amniotic fluid and cavity disorders of pregnancy NEC            |              |       |
| Amniorrhoea   | 1            | 0     |
| Meconium in amniotic fluid                                      | 1            | 0     |
| Foetal complications NEC  |              |       |
| Foetal distress syndrome  | 3            | 0     |
| Foetal hypokinesia  | 14           | 0     |
| Foetal growth complications                                     |              |       |
| Foetal growth restriction                                       | 4            | 0     |
| Foetal position and presentation abnormalities                  |              |       |
| Breech presentation   | 2            | 0     |
| Gestational age and weight conditions                           |              |       |
| Premature baby  | 1            | 0     |
| Haemorrhagic complications of pregnancy                         |              |       |
| Premature separation of placenta                                | 1            | 0     |
| Labour onset and length abnormalities                           |              |       |
| Premature delivery  | 2            | 0     |
| Premature labour  | 4            | 0     |
| Premature rupture of membranes                                  | 1            | 0     |
| Prolonged labour  | 5            | 0     |
| Maternal complications of delivery NEC                          |              |       |
| Retained placenta or membranes                                  | 1            | 0     |
| Neonatal hepatobiliary disorders                                |              |       |
| Jaundice neonatal   | 3            | 0     |
| Normal pregnancy, labour and delivery                           |              |       |
| Live birth  | 2            | 0     |
| Normal labour   | 1            | 0     |
| Pregnancy   | 1            | 0     |
| Uterine contractions during pregnancy                           | 1            | 0     |
| Placental abnormalities (excl neoplasms)                        |              |       |
| Foetal placental thrombosis                                     | 1            | 0     |
| Placental disorder  | 1            | 0     |
| Postpartum complications NEC                                    |              |       |
| Postpartum haemorrhage  | 3            | 0     |
| Pregnancy complicated by maternal disorders                     |              |       |
| Gestational diabetes  | 1            | 0     |
| Stillbirth and foetal death                                     |              |       |
| Foetal death  | 4            | 3     |
| Stillbirth  | 11           | 11    |
| Umbilical cord complications                                    |              |       |
| Umbilical cord thrombosis                                       | 1            | 0     |
| Pregnancy conditions SOC TOTAL                                  | 71           | 14    |

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| Reaction Name                                    | Total | Fatal |
|--|-------|-------|
| Psychiatric disorders                            |       |       |
| Disturbances in initiating and maintaining sleep |       |       |
| Insomnia   | 2     | 0     |
| Psychiatric disorders SOC TOTAL                  | 2     | 0     |

| Reaction Name                             | Total | Fatal |
|---|-------|-------|
| Renal & urinary disorders                 |       |       |
| Renal failure and impairment              |       |       |
| Renal impairment                          | 1     | 0     |
| Renal obstructive disorders               |       |       |
| Hydronephrosis                            | 1     | 0     |
| Renal structural abnormalities and trauma |       |       |
| Pyelocaliectasis                          | 1     | 0     |
| Urinary abnormalities                     |       |       |
| Ketonuria                                 | 2     | 0     |
| Renal & urinary disorders SOC TOTAL       | 5     | 0     |

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| Reaction Name                             | Total | Fatal |
|---|-------|-------|
| Reproductive & breast disorders           |       |       |
| Vulvovaginal disorders NEC                |       |       |
| Vaginal haemorrhage                       | 7     | 0     |
| Reproductive & breast disorders SOC TOTAL | 7     | 0     |

### Case Series Drug Analysis Print 21/177- DTPA IPV Vaccine in Pregnancy DA

| Reaction Name                                    | Total | Fatal |
|--|-------|-------|
| Respiratory disorders                            |       |       |
| Breathing abnormalities                          |       |       |
| Dyspnoea   | 1     | 0     |
| Conditions associated with abnormal gas exchange |       |       |
| Hypoxia  | 1     | 0     |
| Coughing and associated symptoms                 |       |       |
| Cough  | 1     | 0     |
| Lower respiratory tract signs and symptoms       |       |       |
| Hiccups  | 1     | 0     |
| Upper respiratory tract signs and symptoms       |       |       |
| Oropharyngeal pain                               | 2     | 0     |
| Upper respiratory tract congestion               | 1     | 0     |
| Respiratory disorders SOC TOTAL                  | 7     | 0     |

## Case Series Drug Analysis Print 21/177- DTPA IPV Vaccine in Pregnancy DA

| Reaction Name                                   | Total | Fatal |
|---|-------|-------|
| Skin disorders                                  |       |       |
| Acnes   |       |       |
| Acne infantile                                  | 1     | 0     |
| Dermal and epidermal conditions NEC             |       |       |
| Papule  | 1     | 0     |
| Skin disorder                                   | 1     | 0     |
| Skin warm                                       | 1     | 0     |
| Erythemas                                       |       |       |
| Erythema  | 7     | ' O   |
| Photosensitivity and photodermatosis conditions |       |       |
| Photosensitivity reaction                       | 2     |       |
| Pruritus NEC                                    |       |       |
| Pruritus  | 4     | l ol  |
| Rashes, eruptions and exanthems NEC             |       |       |
| Rash  | 3     | sl ol |
| Rash pruritic                                   | 1     | 0     |
| Skin and subcutaneous conditions NEC            |       |       |
| Skin mass                                       | 1     | 0     |
| Skin disorders SOC TOTAL                        | 22    | 2l o  |

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| Reaction Name                           | Total | Fatal |
|---|-------|-------|
| Surgical & medical procedures           |       |       |
| Obstetric therapeutic procedures        |       |       |
| Caesarean section                       | 5     | 0     |
| Vacuum extractor delivery               | 1     | 0     |
| Surgical & medical procedures SOC TOTAL | 6     | 0     |

## Case Series Drug Analysis Print 21/177- DTPA IPV Vaccine in Pregnancy DAF

| Reaction Name  | Total | Fatal |
|--|-------|-------|
| Vascular disorders   |       |       |
| Haemorrhages NEC   |       |       |
| Haemorrhage  | 1     | 0     |
| Peripheral vasoconstriction, necrosis and vascular insufficiency |       |       |
| Poor peripheral circulation                                      | 1     | 0     |
| Vascular hypertensive disorders NEC                              |       |       |
| Hypertension   | 2     | 0     |
| Vascular hypotensive disorders                                   |       |       |
| Hypotension  | 1     | 0     |
| Vascular disorders SOC TOTAL                                     | 5     | 0     |
| TOTAL REACTIONS FOR DRUG   | 425   | 18    |
|  |       |       |
| TOTAL REPORTS  | 120   |       |
| TOTAL FATAL OUTCOME REPORTS                                      | ,     | 18    |