**Additional file 3: Supplementary Table S2**. International Severe Asthma Registry bolt-on variables

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| **Category** | **Variables s** |
| **Safety** | |
| Severe infection | Infection type |
| Start and end dates |
| Outcome of infection |
| Site of infection |
| Malignancy | Malignancy history, type, stage, status and diagnosis confirmation |
| Start and end dates |
| Outcome of malignancy |
| Site of malignancy |
| Anaphylactic reaction | Likely exposure of the reaction |
| Time to reaction |
| Date of the reaction |
| Outcome of the anaphylactic reaction |
| **Effectiveness** | |
| Comorbidities | Osteoporosis |
| Osteoporosis: Start date |
| Circulatory system disease |
| Circulatory system disease: Type |
| Circulatory system disease: Start date |
| Glaucoma or cataract disease |
| Ocular disease: Type |
| Ocular disease: Start date |
| Obstructive sleep apnoea |
| Obstructive sleep apnoea: Start date |
| Renal failure |
| Renal failure: Start date |
| Depression |
| Depression: Start date |
| Anxiety |
| Anxiety: Start date |
| Type II diabetes mellitus |
| Type II diabetes mellitus: Start date |
| Peptic ulcer |
| Peptic ulcer: Start date |
| Pneumonia |
| Pneumonia: Start date |
| Dosage | Label dose for oral corticosteroids |
| Frequency for oral corticosteroids |
| Label dose for inhaled corticosteroids |
| Frequency for inhaled corticosteroids |
| Exacerbation history | Dates of exacerbations indicated |
| Type of rescue steroid used with label dose, frequency, start and end dates |
| Medication switching | Reason for switch in patient’s asthma medication/treatment |