

Summary of Treatment-Emergent Adverse Events (TEAE)					
System Organ Class Preferred Term	Placebo N = 86 <sup>1</sup>	Xanomeline High Dose N = 72 <sup>1</sup>	Xanomeline Low Dose N = 96 <sup>1</sup>	Screen Failure N = 52 <sup>1</sup>	Total N = 306 <sup>1</sup>
Any TEAE	65 (76%)	68 (94%)	84 (88%)	0 (0%)	217 (71%)
GENERAL DISORDERS AND ADMINISTRATION SITE CONDITIONS	21 (24%)	36 (50%)	51 (53%)	0 (0%)	108 (35%)
APPLICATION SITE PRURITUS	6 (7.0%)	21 (29%)	23 (24%)	0 (0%)	50 (16%)
APPLICATION SITE ERYTHEMA	3 (3.5%)	14 (19%)	13 (14%)	0 (0%)	30 (9.8%)
APPLICATION SITE DERMATITIS	5 (5.8%)	7 (9.7%)	9 (9.4%)	0 (0%)	21 (6.9%)
APPLICATION SITE IRRITATION	3 (3.5%)	9 (13%)	9 (9.4%)	0 (0%)	21 (6.9%)
APPLICATION SITE VESICLES	1 (1.2%)	5 (6.9%)	5 (5.2%)	0 (0%)	11 (3.6%)
FATIGUE	1 (1.2%)	5 (6.9%)	5 (5.2%)	0 (0%)	11 (3.6%)
OEDEMA PERIPHERAL	2 (2.3%)	2 (2.8%)	1 (1.0%)	0 (0%)	5 (1.6%)
APPLICATION SITE SWELLING	0 (0%)	2 (2.8%)	1 (1.0%)	0 (0%)	3 (1.0%)
APPLICATION SITE URTICARIA	0 (0%)	1 (1.4%)	2 (2.1%)	0 (0%)	3 (1.0%)
CHILLS	1 (1.2%)	1 (1.4%)	1 (1.0%)	0 (0%)	3 (1.0%)
MALAISE	0 (0%)	2 (2.8%)	1 (1.0%)	0 (0%)	3 (1.0%)
PYREXIA	2 (2.3%)	0 (0%)	1 (1.0%)	0 (0%)	3 (1.0%)
<sup>1</sup> n (%)					

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<b>System Organ Class Preferred Term</b>	<b>Placebo N = 86<sup>1</sup></b>	<b>Xanomeline High Dose N = 72<sup>1</sup></b>	<b>Xanomeline Low Dose N = 96<sup>1</sup></b>	<b>Screen Failure N = 52<sup>1</sup></b>	<b>Total N = 306<sup>1</sup></b>
APPLICATION SITE PAIN	0 (0%)	2 (2.8%)	0 (0%)	0 (0%)	2 (0.7%)
APPLICATION SITE PERSPIRATION	0 (0%)	2 (2.8%)	0 (0%)	0 (0%)	2 (0.7%)
APPLICATION SITE REACTION	1 (1.2%)	1 (1.4%)	0 (0%)	0 (0%)	2 (0.7%)
ASTHENIA	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)
CHEST DISCOMFORT	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
CHEST PAIN	0 (0%)	2 (2.8%)	0 (0%)	0 (0%)	2 (0.7%)
OEDEMA	0 (0%)	0 (0%)	2 (2.1%)	0 (0%)	2 (0.7%)
PAIN	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
APPLICATION SITE BLEEDING	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
APPLICATION SITE DESQUAMATION	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
APPLICATION SITE DISCHARGE	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
APPLICATION SITE DISCOLOURATION	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
APPLICATION SITE INDURATION	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
APPLICATION SITE WARMTH	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
FEELING ABNORMAL	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)

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FEELING COLD	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
INFLAMMATION	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
SECRETION DISCHARGE	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
SUDDEN DEATH	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
SWELLING	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
ULCER	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
SKIN AND SUBCUTANEOUS TISSUE DISORDERS	20 (23%)	39 (54%)	39 (41%)	0 (0%)	98 (32%)
PRURITUS	8 (9.3%)	25 (35%)	21 (22%)	0 (0%)	54 (18%)
ERYTHEMA	8 (9.3%)	14 (19%)	14 (15%)	0 (0%)	36 (12%)
RASH	5 (5.8%)	8 (11%)	13 (14%)	0 (0%)	26 (8.5%)
HYPERHIDROSIS	2 (2.3%)	8 (11%)	4 (4.2%)	0 (0%)	14 (4.6%)
SKIN IRRITATION	3 (3.5%)	5 (6.9%)	6 (6.3%)	0 (0%)	14 (4.6%)
BLISTER	0 (0%)	1 (1.4%)	5 (5.2%)	0 (0%)	6 (2.0%)
RASH PRURITIC	0 (0%)	2 (2.8%)	1 (1.0%)	0 (0%)	3 (1.0%)
PRURITUS GENERALISED	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
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System Organ Class Preferred Term	Placebo N = 86 <sup>1</sup>	Xanomeline High Dose N = 72 <sup>1</sup>	Xanomeline Low Dose N = 96 <sup>1</sup>	Screen Failure N = 52 <sup>1</sup>	Total N = 306 <sup>1</sup>
URTICARIA	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
ACTINIC KERATOSIS	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
ALOPECIA	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
COLD SWEAT	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
DERMATITIS CONTACT	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
DRUG ERUPTION	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
RASH ERYTHEMATOUS	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
RASH MACULO-PAPULAR	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
SKIN EXFOLIATION	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
SKIN ODOUR ABNORMAL	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
SKIN ULCER	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
NERVOUS SYSTEM DISORDERS	8 (9.3%)	23 (32%)	22 (23%)	0 (0%)	53 (17%)
DIZZINESS	2 (2.3%)	10 (14%)	9 (9.4%)	0 (0%)	21 (6.9%)
HEADACHE	3 (3.5%)	5 (6.9%)	3 (3.1%)	0 (0%)	11 (3.6%)
SYNCOPE	0 (0%)	2 (2.8%)	5 (5.2%)	0 (0%)	7 (2.3%)

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SOMNOLENCE	2 (2.3%)	1 (1.4%)	3 (3.1%)	0 (0%)	6 (2.0%)
TRANSIENT ISCHAEMIC ATTACK	0 (0%)	1 (1.4%)	2 (2.1%)	0 (0%)	3 (1.0%)
BURNING SENSATION	0 (0%)	2 (2.8%)	0 (0%)	0 (0%)	2 (0.7%)
LETHARGY	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
AMNESIA	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
BALANCE DISORDER	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
COGNITIVE DISORDER	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
COMPLEX PARTIAL SEIZURES	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
COORDINATION ABNORMAL	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
HEMIANOPIA HOMONYMOUS	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
HYPERSOMNIA	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
PARAESTHESIA	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
PARAESTHESIA ORAL	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
PARKINSON'S DISEASE	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
PAROSMIA	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
<sup>1</sup> n (%)					

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PARTIAL SEIZURES WITH SECONDARY GENERALISATION	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
PSYCHOMOTOR HYPERACTIVITY	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
STUPOR	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
SYNCOPE VASOVAGAL	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
GASTROINTESTINAL DISORDERS	17 (20%)	19 (26%)	15 (16%)	0 (0%)	51 (17%)
DIARRHOEA	9 (10%)	3 (4.2%)	5 (5.2%)	0 (0%)	17 (5.6%)
VOMITING	3 (3.5%)	6 (8.3%)	4 (4.2%)	0 (0%)	13 (4.2%)
NAUSEA	3 (3.5%)	6 (8.3%)	3 (3.1%)	0 (0%)	12 (3.9%)
ABDOMINAL PAIN	1 (1.2%)	1 (1.4%)	3 (3.1%)	0 (0%)	5 (1.6%)
SALIVARY HYPERSECRETION	0 (0%)	4 (5.6%)	0 (0%)	0 (0%)	4 (1.3%)
DYSPEPSIA	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)
ABDOMINAL DISCOMFORT	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
CONSTIPATION	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
DYSPHAGIA	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
FLATULENCE	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)

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GASTROINTESTINAL HAEMORRHAGE	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
GASTROOESOPHAGEAL REFLUX DISEASE	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
GLOSSITIS	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
HIATUS HERNIA	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
RECTAL HAEMORRHAGE	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
STOMACH DISCOMFORT	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
CARDIAC DISORDERS	12 (14%)	14 (19%)	14 (15%)	0 (0%)	40 (13%)
SINUS BRADYCARDIA	2 (2.3%)	8 (11%)	7 (7.3%)	0 (0%)	17 (5.6%)
MYOCARDIAL INFARCTION	4 (4.7%)	4 (5.6%)	2 (2.1%)	0 (0%)	10 (3.3%)
ATRIAL FIBRILLATION	1 (1.2%)	2 (2.8%)	2 (2.1%)	0 (0%)	5 (1.6%)
SUPRAVENTRICULAR EXTRASYSTOLES	1 (1.2%)	1 (1.4%)	1 (1.0%)	0 (0%)	3 (1.0%)
VENTRICULAR EXTRASYSTOLES	0 (0%)	1 (1.4%)	2 (2.1%)	0 (0%)	3 (1.0%)
ATRIAL FLUTTER	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
ATRIOVENTRICULAR BLOCK FIRST DEGREE	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)
BUNDLE BRANCH BLOCK RIGHT	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)

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PALPITATIONS	0 (0%)	0 (0%)	2 (2.1%)	0 (0%)	2 (0.7%)
ATRIAL HYPERTROPHY	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
ATRIOVENTRICULAR BLOCK SECOND DEGREE	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
BRADYCARDIA	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
BUNDLE BRANCH BLOCK LEFT	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
CARDIAC DISORDER	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
CARDIAC FAILURE CONGESTIVE	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
SINUS ARRHYTHMIA	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
SUPRAVENTRICULAR TACHYCARDIA	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
TACHYCARDIA	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
VENTRICULAR HYPERTROPHY	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
WOLFF-PARKINSON-WHITE SYNDROME	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
INFECTIONS AND INFESTATIONS	16 (19%)	13 (18%)	9 (9.4%)	0 (0%)	38 (12%)
NASOPHARYNGITIS	2 (2.3%)	6 (8.3%)	4 (4.2%)	0 (0%)	12 (3.9%)
UPPER RESPIRATORY TRACT INFECTION	6 (7.0%)	3 (4.2%)	1 (1.0%)	0 (0%)	10 (3.3%)
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INFLUENZA	1 (1.2%)	1 (1.4%)	1 (1.0%)	0 (0%)	3 (1.0%)
URINARY TRACT INFECTION	2 (2.3%)	1 (1.4%)	0 (0%)	0 (0%)	3 (1.0%)
CYSTITIS	1 (1.2%)	1 (1.4%)	0 (0%)	0 (0%)	2 (0.7%)
EAR INFECTION	2 (2.3%)	0 (0%)	0 (0%)	0 (0%)	2 (0.7%)
BRONCHITIS	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
CELLULITIS	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
CERVICITIS	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
GASTROENTERITIS VIRAL	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
HORDEOLUM	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
LOCALISED INFECTION	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
LOWER RESPIRATORY TRACT INFECTION	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
PNEUMONIA	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
RHINITIS	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
VAGINAL MYCOSIS	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
VIRAL INFECTION	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)

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PSYCHIATRIC DISORDERS	10 (12%)	7 (9.7%)	11 (11%)	0 (0%)	28 (9.2%)
CONFUSIONAL STATE	2 (2.3%)	1 (1.4%)	3 (3.1%)	0 (0%)	6 (2.0%)
AGITATION	2 (2.3%)	0 (0%)	3 (3.1%)	0 (0%)	5 (1.6%)
INSOMNIA	2 (2.3%)	2 (2.8%)	0 (0%)	0 (0%)	4 (1.3%)
ANXIETY	0 (0%)	0 (0%)	3 (3.1%)	0 (0%)	3 (1.0%)
DELUSION	1 (1.2%)	1 (1.4%)	0 (0%)	0 (0%)	2 (0.7%)
IRRITABILITY	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)
COMPLETED SUICIDE	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
DELIRIUM	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
DEPRESSED MOOD	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
DISORIENTATION	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
HALLUCINATION	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
HALLUCINATION, VISUAL	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
LIBIDO DECREASED	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
LISTLESS	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)

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NIGHTMARE	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
RESTLESSNESS	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
RESPIRATORY, THORACIC AND MEDIASTINAL DISORDERS	8 (9.3%)	10 (14%)	9 (9.4%)	0 (0%)	27 (8.8%)
COUGH	1 (1.2%)	5 (6.9%)	5 (5.2%)	0 (0%)	11 (3.6%)
NASAL CONGESTION	3 (3.5%)	3 (4.2%)	1 (1.0%)	0 (0%)	7 (2.3%)
DYSPNOEA	1 (1.2%)	1 (1.4%)	1 (1.0%)	0 (0%)	3 (1.0%)
EPISTAXIS	0 (0%)	2 (2.8%)	1 (1.0%)	0 (0%)	3 (1.0%)
PHARYNGOLARYNGEAL PAIN	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
RHINORRHOEA	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
ALLERGIC GRANULOMATOUS ANGIITIS	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
DYSPHONIA	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
EMPHYSEMA	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
HAEMOPTYSIS	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
PHARYNGEAL ERYTHEMA	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
POSTNASAL DRIP	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)

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PRODUCTIVE COUGH	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
RALES	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
RESPIRATORY TRACT CONGESTION	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
INVESTIGATIONS	10 (12%)	5 (6.9%)	7 (7.3%)	0 (0%)	22 (7.2%)
ELECTROCARDIOGRAM ST SEGMENT DEPRESSION	4 (4.7%)	0 (0%)	1 (1.0%)	0 (0%)	5 (1.6%)
ELECTROCARDIOGRAM T WAVE INVERSION	2 (2.3%)	1 (1.4%)	1 (1.0%)	0 (0%)	4 (1.3%)
BLOOD GLUCOSE INCREASED	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
ELECTROCARDIOGRAM T WAVE AMPLITUDE DECREASED	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)
BIOPSY	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
BIOPSY PROSTATE	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
BLOOD ALKALINE PHOSPHATASE INCREASED	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
BLOOD CHOLESTEROL INCREASED	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
BLOOD CREATINE PHOSPHOKINASE INCREASED	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
BLOOD URINE PRESENT	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
BODY TEMPERATURE INCREASED	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)

<sup>1</sup> n (%)

## Summary of Treatment-Emergent Adverse Events (TEAE)

<b>System Organ Class Preferred Term</b>	<b>Placebo N = 86<sup>1</sup></b>	<b>Xanomeline High Dose N = 72<sup>1</sup></b>	<b>Xanomeline Low Dose N = 96<sup>1</sup></b>	<b>Screen Failure N = 52<sup>1</sup></b>	<b>Total N = 306<sup>1</sup></b>
CYSTOSCOPY	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
HEART RATE INCREASED	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
HEART RATE IRREGULAR	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
NASAL MUCOSA BIOPSY	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
WEIGHT DECREASED	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
MUSCULOSKELETAL AND CONNECTIVE TISSUE DISORDERS	4 (4.7%)	7 (9.7%)	7 (7.3%)	0 (0%)	18 (5.9%)
BACK PAIN	1 (1.2%)	3 (4.2%)	1 (1.0%)	0 (0%)	5 (1.6%)
ARTHRALGIA	1 (1.2%)	1 (1.4%)	2 (2.1%)	0 (0%)	4 (1.3%)
SHOULDER PAIN	1 (1.2%)	0 (0%)	2 (2.1%)	0 (0%)	3 (1.0%)
MUSCLE SPASMS	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
ARTHRITIS	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
FLANK PAIN	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
MUSCULAR WEAKNESS	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
MYALGIA	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
PAIN IN EXTREMITY	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)

<sup>1</sup> n (%)

Summary of Treatment-Emergent Adverse Events (TEAE)					
System Organ Class Preferred Term	Placebo N = 86 <sup>1</sup>	Xanomeline High Dose N = 72 <sup>1</sup>	Xanomeline Low Dose N = 96 <sup>1</sup>	Screen Failure N = 52 <sup>1</sup>	Total N = 306 <sup>1</sup>
INJURY, POISONING AND PROCEDURAL COMPLICATIONS	4 (4.7%)	5 (6.9%)	5 (5.2%)	0 (0%)	14 (4.6%)
CONTUSION	1 (1.2%)	2 (2.8%)	1 (1.0%)	0 (0%)	4 (1.3%)
EXCORIATION	2 (2.3%)	1 (1.4%)	1 (1.0%)	0 (0%)	4 (1.3%)
FALL	1 (1.2%)	1 (1.4%)	2 (2.1%)	0 (0%)	4 (1.3%)
HIP FRACTURE	1 (1.2%)	2 (2.8%)	0 (0%)	0 (0%)	3 (1.0%)
SKIN LACERATION	1 (1.2%)	0 (0%)	2 (2.1%)	0 (0%)	3 (1.0%)
FACIAL BONES FRACTURE	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
JOINT DISLOCATION	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
WOUND	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
RENAL AND URINARY DISORDERS	4 (4.7%)	3 (4.2%)	3 (3.1%)	0 (0%)	10 (3.3%)
MICTURITION URGENCY	1 (1.2%)	1 (1.4%)	1 (1.0%)	0 (0%)	3 (1.0%)
DYSURIA	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)
NEPHROLITHIASIS	1 (1.2%)	1 (1.4%)	0 (0%)	0 (0%)	2 (0.7%)
CALCULUS URETHRAL	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
INCONTINENCE	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
<sup>1</sup> n (%)					

Summary of Treatment-Emergent Adverse Events (TEAE)					
System Organ Class Preferred Term	Placebo N = 86 <sup>1</sup>	Xanomeline High Dose N = 72 <sup>1</sup>	Xanomeline Low Dose N = 96 <sup>1</sup>	Screen Failure N = 52 <sup>1</sup>	Total N = 306 <sup>1</sup>
POLLAKIURIA	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
METABOLISM AND NUTRITION DISORDERS	6 (7.0%)	2 (2.8%)	1 (1.0%)	0 (0%)	9 (2.9%)
DECREASED APPETITE	1 (1.2%)	1 (1.4%)	0 (0%)	0 (0%)	2 (0.7%)
FOOD CRAVING	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)
INCREASED APPETITE	1 (1.2%)	1 (1.4%)	0 (0%)	0 (0%)	2 (0.7%)
DEHYDRATION	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
DIABETES MELLITUS	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
HYPONATRAEMIA	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
VASCULAR DISORDERS	3 (3.5%)	1 (1.4%)	3 (3.1%)	0 (0%)	7 (2.3%)
HYPOTENSION	2 (2.3%)	0 (0%)	1 (1.0%)	0 (0%)	3 (1.0%)
HYPERTENSION	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)
HOT FLUSH	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
ORTHOSTATIC HYPOTENSION	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
WOUND HAEMORRHAGE	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
EYE DISORDERS	2 (2.3%)	1 (1.4%)	2 (2.1%)	0 (0%)	5 (1.6%)
<sup>1</sup> n (%)					

Summary of Treatment-Emergent Adverse Events (TEAE)					
System Organ Class Preferred Term	Placebo N = 86 <sup>1</sup>	Xanomeline High Dose N = 72 <sup>1</sup>	Xanomeline Low Dose N = 96 <sup>1</sup>	Screen Failure N = 52 <sup>1</sup>	Total N = 306 <sup>1</sup>
VISION BLURRED	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
CONJUNCTIVAL HAEMORRHAGE	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
CONJUNCTIVITIS	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
EYE ALLERGY	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
EYE PRURITUS	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
EYE SWELLING	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
SURGICAL AND MEDICAL PROCEDURES	2 (2.3%)	2 (2.8%)	1 (1.0%)	0 (0%)	5 (1.6%)
CATARACT OPERATION	1 (1.2%)	0 (0%)	1 (1.0%)	0 (0%)	2 (0.7%)
ACROCHORDON EXCISION	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
EYE LASER SURGERY	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
SKIN LESION EXCISION	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
EAR AND LABYRINTH DISORDERS	1 (1.2%)	1 (1.4%)	2 (2.1%)	0 (0%)	4 (1.3%)
VERTIGO	0 (0%)	1 (1.4%)	1 (1.0%)	0 (0%)	2 (0.7%)
CERUMEN IMPACTION	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
EAR PAIN	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
<sup>1</sup> n (%)					



Summary of Treatment-Emergent Adverse Events (TEAE)					
System Organ Class Preferred Term	Placebo N = 86 <sup>1</sup>	Xanomeline High Dose N = 72 <sup>1</sup>	Xanomeline Low Dose N = 96 <sup>1</sup>	Screen Failure N = 52 <sup>1</sup>	Total N = 306 <sup>1</sup>
CONGENITAL, FAMILIAL AND GENETIC DISORDERS	0 (0%)	2 (2.8%)	1 (1.0%)	0 (0%)	3 (1.0%)
VENTRICULAR SEPTAL DEFECT	0 (0%)	2 (2.8%)	1 (1.0%)	0 (0%)	3 (1.0%)
NEOPLASMS BENIGN, MALIGNANT AND UNSPECIFIED (INCL CYSTS AND POLYPS)	0 (0%)	1 (1.4%)	2 (2.1%)	0 (0%)	3 (1.0%)
COLON CANCER	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
MALIGNANT FIBROUS HISTIOCYTOMA	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
PROSTATE CANCER	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
REPRODUCTIVE SYSTEM AND BREAST DISORDERS	2 (2.3%)	1 (1.4%)	0 (0%)	0 (0%)	3 (1.0%)
BENIGN PROSTATIC HYPERPLASIA	1 (1.2%)	1 (1.4%)	0 (0%)	0 (0%)	2 (0.7%)
PELVIC PAIN	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
HEPATOBIILIARY DISORDERS	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
HYPERBILIRUBINAEMIA	1 (1.2%)	0 (0%)	0 (0%)	0 (0%)	1 (0.3%)
IMMUNE SYSTEM DISORDERS	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
HYPERSENSITIVITY	0 (0%)	0 (0%)	1 (1.0%)	0 (0%)	1 (0.3%)
SOCIAL CIRCUMSTANCES	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
ALCOHOL USE	0 (0%)	1 (1.4%)	0 (0%)	0 (0%)	1 (0.3%)
<sup>1</sup> n (%)					