dag {
  bb="0,0,1,1"
  "Age at onset" [exposure,pos="0.746,0.924"]
  "Age at surgery" [exposure,pos="0.850,0.942"]
  "CNS infections" [exposure,pos="0.524,0.574"]
  "Clinical uncertainty" [latent,pos="0.419,0.576"]
  "Complete excision" [exposure,pos="0.371,0.740"]
  "Damaged anti-epileptogenic networks" [latent,pos="0.730,0.757"]
  "Degree of multimodal concordance" [exposure,pos="0.432,0.484"]
  "Duration of epilepsy" [exposure,pos="0.869,0.823"]
  "Duration of follow-up" [outcome,pos="0.927,0.604"]
  "E, O or ME" [adjusted,pos="0.317,0.213"]
  "Engel Class" [outcome,pos="0.787,0.296"]
  "Epilepsia partialis continua" [adjusted,pos="0.125,0.688"]
  "Epileptic spasms" [exposure,pos="0.266,0.783"]
  "Extensive or multilobar resection" [exposure,pos="0.590,0.854"]
  "FCD and subtypes" [exposure,pos="0.301,0.121"]
  "Febrile convulsions" [exposure,pos="0.049,0.497"]
  "Focal > Multifocal > Generalised" [latent,pos="0.636,0.321"]
  "Focal FDG-PET" [exposure,pos="0.225,0.484"]
  "Focal MRI abnormality" [exposure,pos="0.441,0.201"]
  "Focal ictal EEG" [exposure,pos="0.078,0.590"]
  "Focal interictal EEG" [exposure,pos="0.078,0.590"]
  "Focal pathology" [exposure,pos="0.333,0.380"]
  "Focal seizure semiology" [exposure,pos="0.215,0.609"]
  "Genetics: e.g. mTOR pathway" [exposure,pos="0.135,0.027"]
  "Geographical location of surgery" [adjusted,pos="0.264,0.961"]
  "H1 spectroscopic abnormality" [adjusted,pos="0.097,0.328"]
  "Hippocampal Sclerosis" [exposure,pos="0.386,0.040"]
  "History of head injury" [exposure,pos="0.546,0.134"]
  "ILAE scale" [outcome,pos="0.764,0.359"]
}
"Intraoperative EEG" [adjusted, pos="0.452,0.650"]
"Invasive EEG" [exposure, pos="0.258,0.881"]
"Lateralised EEG" [exposure, pos="0.069,0.399"]
"New or change in seizure semiology" [exposure, pos="0.573,0.943"]
"New seizure-focus" [latent, pos="0.893,0.705"]
"Number of cortical tubers" [adjusted, pos="0.508,0.270"]
"Postoperative discharges" [outcome, pos="0.926,0.374"]
"Postsurgical Seizure Freedom" [outcome, pos="0.879,0.518"]
"Presence of limited EZ" [latent, pos="0.740,0.452"]
"Proportion of EZ resected" [latent, pos="0.749,0.659"]
"SISCOM abnormalities" [exposure, pos="0.478,0.341"]
"Seizure frequency" [exposure, pos="0.602,0.510"]
"Severe learning disability" [exposure, pos="0.665,0.220"]
"Side of resection" [adjusted, pos="0.410,0.961"]
"Surgical technique" [exposure, pos="0.387,0.834"]
"TL vs ET resections" [exposure, pos="0.546,0.772"]
"Theoretical "focal lesion\"" [latent, pos="0.222,0.270"]
"Vascular lesions" [adjusted, pos="0.415,0.132"]
"Video-EEG telemetry" [adjusted, pos="0.076,0.781"]
"Without APOS" [outcome, pos="0.893,0.272"]
"sEEG vs subdural grid" [exposure, pos="0.123,0.866"]
Astrocytoma [pos="0.078,0.280"]
Encephalomalacia [pos="0.555,0.064"]
Neuromigrational [adjusted, pos="0.068,0.137"]
Sex [adjusted, pos="0.246,0.063"]
Tumours [exposure, pos="0.126,0.188"]
"Age at onset" -> "Duration of epilepsy"
"Age at surgery" -> "Duration of epilepsy"
"CNS infections" -> "Focal > Multifocal > Generalised" [pos="0.576,0.374"]
"CNS infections" -> "Focal pathology" [pos="0.576,0.385"]
"Clinical uncertainty" -> "Intraoperative EEG"
"Clinical uncertainty" -> "Invasive EEG"
"Complete excision" -> "Proportion of EZ resected"
"Damaged anti-epileptogenic networks" -> "New seizure-focus"
"Damaged anti-epileptogenic networks" -> "Postsurgical Seizure Freedom"
"Damaged anti-epileptogenic networks" -> "Seizure frequency"
"Damaged anti-epileptogenic networks" <-> "Focal > Multifocal > Generalised" [pos="0.665,0.562"]
"Degree of multimodal concordance" -> "Clinical uncertainty"
"Degree of multimodal concordance" -> "Complete excision" [pos="0.344,0.598"]
"Degree of multimodal concordance" -> "Focal > Multifocal > Generalised"
"Degree of multimodal concordance" -> "Presence of limited EZ"
"Degree of multimodal concordance" -> "Proportion of EZ resected"
"Duration of epilepsy" -> "Damaged anti-epileptogenic networks"
"Duration of epilepsy" -> "New seizure-focus"
"Duration of epilepsy" -> "Severe learning disability" [pos="0.780,0.591"]
"Duration of epilepsy" <-> "TL vs ET resections" [pos="0.665,0.787"]
"Duration of follow-up" <-> "Postsurgical Seizure Freedom" [pos="0.921,0.556"]
"E, O or ME" -> "Focal MRI abnormality"
"Epilepsia partialis continua" <-> "Focal seizure semiology" [pos="0.124,0.653"]
"Epileptic spasms" -> "Focal seizure semiology" [pos="0.257,0.705"]
"Extensive or multilobar resection" -> "Damaged anti-epileptogenic networks"
"Extensive or multilobar resection" <-> "TL vs ET resections" [pos="0.609,0.797"]
"FCD and subtypes" -> "Focal pathology"
"FCD and subtypes" <-> "Theoretical \"focal lesion\"" [pos="0.205,0.169"]
"Febrile convulsions" -> "Focal > Multifocal > Generalised" [pos="0.573,0.171"]
"Febrile convulsions" <-> "Focal MRI abnormality"
"Febrile convulsions" <-> "TL vs ET resections" [pos="0.774,0.366"]
"Focal > Multifocal > Generalised" -> "Clinical uncertainty" [pos="0.583,0.498"]
"Focal > Multifocal > Generalised" -> "Presence of limited EZ"
"Focal > Multifocal > Generalised" -> "Seizure frequency"
"Focal > Multifocal > Generalised" <-> "New seizure-focus" [pos="0.638,0.566"]
"Focal > Multifocal > Generalised" <-> "Severe learning disability" [pos="0.717,0.288"]
"Genetics: e.g. mTOR pathway" -> "Febrile convulsions" [pos="0.660,0.002"]
"Genetics: e.g. mTOR pathway" -> "Focal ictal EEG" [pos="0.001,0.162"]
"Genetics: e.g. mTOR pathway" -> "Focal interictal EEG" [pos="0.124,0.480"]
"Genetics: e.g. mTOR pathway" -> "Focal pathology" [pos="0.309,0.255"]
"Genetics: e.g. mTOR pathway" -> "Hippocampal Sclerosis"
"Genetics: e.g. mTOR pathway" -> "Lateralised EEG" [pos="0.014,0.199"]
"Genetics: e.g. mTOR pathway" -> "Theoretical "focal lesion"
"Genetics: e.g. mTOR pathway" -> Astrocytoma [pos="0.181,0.263"]
"Genetics: e.g. mTOR pathway" -> Neuromigrational
"Genetics: e.g. mTOR pathway" -> Sex
"Genetics: e.g. mTOR pathway" -> Tumours
"Geographical location of surgery" <-> "Surgical technique"
"Hippocampal Sclerosis" -> "Febrile convulsions"
"Hippocampal Sclerosis" -> "Focal MRI abnormality" [pos="0.488,0.082"]
"Hippocampal Sclerosis" -> "Theoretical "focal lesion"
"History of head injury" -> "Focal > Multifocal > Generalised"
"History of head injury" -> "Focal MRI abnormality"
"History of head injury" -> "Theoretical "focal lesion"
"History of head injury" -> Encephalomalacia
"Intraoperative EEG" <-> "Surgical technique" [pos="0.477,0.695"]
"Invasive EEG" -> "Degree of multimodal concordance" [pos="0.169,0.770"]
"Invasive EEG" -> "sEEG vs subdural grid"
"Lateralised EEG" -> "Degree of multimodal concordance" [pos="0.206,0.402"]
"Lateralised EEG" -> "Focal seizure semiology"
"New seizure-focus" -> "New or change in seizure semiology" [pos="0.855,0.767"]
"New seizure-focus" -> "Postsurgical Seizure Freedom" [pos="0.850,0.627"]
"Postoperative discharges" -> "Without APOS" [pos="0.867,0.342"]
"Postsurgical Seizure Freedom" -> "Engel Class"
"Postsurgical Seizure Freedom" -> "ILAE scale"
"Postsurgical Seizure Freedom" -> "Postoperative discharges"
"Postsurgical Seizure Freedom" -> "Without APOS" [pos="0.832,0.352"]
"Presence of limited EZ" -> "Postsurgical Seizure Freedom" [pos="0.790,0.480"]
"Presence of limited EZ" -> "Proportion of EZ resected"
"Proportion of EZ resected" -> "Damaged anti-epileptogenic networks"
"Proportion of EZ resected" -> "New seizure-focus"
"Proportion of EZ resected" -> "Postsurgical Seizure Freedom"
"SISCOM abnormalities" -> "Degree of multimodal concordance"
"Side of resection" -> "Surgical technique"
"Side of resection" -> "TL vs ET resections" [pos="0.479,0.850"]
"Surgical technique" -> "Extensive or multilobar resection"
"Surgical technique" -> "Proportion of EZ resected" [pos="0.484,0.652"]
"Surgical technique" <-> "TL vs ET resections"
"TL vs ET resections" -> "Damaged anti-epileptogenic networks"
"TL vs ET resections" -> "Proportion of EZ resected"
"Theoretical "focal lesion"" -> "Complete excision" [pos="0.299,0.516"]
"Theoretical "focal lesion"" -> "Focal > Multifocal > Generalised"
"Theoretical "focal lesion"" -> "Focal FDG-PET"
"Theoretical "focal lesion"" -> "Focal MRI abnormality"
"Theoretical "focal lesion"" -> "Focal ictal EEG" [pos="0.231,0.372"]
"Theoretical "focal lesion"" -> "Focal interictal EEG" [pos="0.191,0.324"]
"Theoretical "focal lesion"" -> "Focal seizure semiology"
"Theoretical "focal lesion"" -> "H1 spectroscopic abnormality"
"Theoretical "focal lesion"" -> "SISCOM abnormalities"
"sEEG vs subdural grid" -> "Degree of multimodal concordance" [pos="0.345,0.553"]
Astrocytoma -> Tumours
Encephalomalacia -> "Focal MRI abnormality" [pos="0.486,0.095"]
Encephalomalacia -> "Focal pathology" [pos="0.496,0.074"]
Neuromigrational -> "Focal MRI abnormality" [pos="0.292,0.154"]
Neuromigrational -> "Focal pathology" [pos="0.095,0.297"]
Neuromigrational -> "Severe learning disability" [pos="0.559,0.164"]
Neuromigrational -> "Theoretical "focal lesion\"" [pos="0.219,0.168"]
Tumours -> "E, O or ME" [pos="0.193,0.207"]
Tumours -> "Focal pathology" [pos="0.119,0.283"]
Tumours -> "Theoretical \"focal lesion\""
}