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| Type | Environment | G.A | Cry Recordings | Duration | Database host location | Remarks | Authors Information |
| Infant (healthy and unhealthy)  [9] | neonatology departments | - | The database is composed of expiration (EXP) set with 2638 cry signals (1319 healthy signals and 1319 unhealthy signals) and inspiration set (INS) with 1860 cry signals (930 healthy signals and 930 unhealthy | - | Cry signals were recorded in Sainte-Justine hospital (Montreal, Canada), Al-Sahel hospital (Lebanon) and Al-Raee hospital (Lebanon). | deep learning systems trained with cepstrum analysis-based coefficients  healthy and pathological infant cry signals | [Salim Lahmiri](https://www.sciencedirect.com/science/article/abs/pii/S0960077921010547?via%3Dihub" \l "!) ep al |
| preterm and full term  [13] | neonatology departments | ages range from one to 53 days. | two sets: expiration (EXP) set and inspiration (INS) set. The EXP set has 2638 cry signals and INS set has 1860 cry signals. Specifically, there are 1319 healthy signals and 1319 unhealthy signals in the EXP set. Moreover, there are 930 healthy signals and 930 unhealthy signals in the INS set  (a two-channel sound recorder with a sampling frequency of 44.1 kHz and a resolution of 16 bits was placed at 10 cm to 30 cm from the infant.) | The time duration of each recorded signal is within 2 to 3 minutes. | Sainte-Justine hospital (Montreal, Canada), Al-Sahel hospital (Beirut, Lebanon), and Al-Raee hospital (Saida, Lebanon) | Cry, no cry,  Healthy cry, unhealthy cry | Salim Lahmiri ep al |
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