

- The role of *OPRM1* polymorphisms on cold pain sensitivity among opioid-dependent patients on methadone is unclear but may be ethnic dependent.
- Malay participants with IVS2+691 CC genotype express higher sensitivity to cold pressor pain tolerance than those without CC genotype (i.e., GG/GC genotype).
- On the other hand, Malay participants with AC/AG diplotype for 118A>G and IVS2+691G>C polymorphisms express lower sensitivity to cold pressor pain tolerance.
- *OPRM1* polymorphisms may explain inter-individual variability in pain sensitivity among opioid-dependent patients on methadone maintenance therapy.

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