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## Impact of Early Life Adversity on the Stress Biobehavioral Response During Nicotine Withdrawal

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## Highlights

- Early life adversity (ELA) raises the risk for addiction and relapse.
- Stress related psychobiological mechanisms may mediate this risk.
- A higher ACTH/cortisol ratio occurred with stress in high ELA smokers.
- Cortisol differences were abolished during tobacco withdrawal.
- In those with high ELA, nicotine use blunts pain perception but withdrawal normalized the pain perception.

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