Adolescent Mental Health in Pediatric Care: When Access Shapes Treatment

Analysis of primary care data from 2021 to 2024 | Ontario, Canada

SCREENING & PRESENTATION | RISK ASSESSMENT | TREATMENT | ACCESS & FOLLOW-UP

281 Eligible Charts Reviewed

5 Clinicians Contributing Data Across 3 Sites

65.2% Identified as Female

56 (0.03%) Age 12 - 18 years, Mean 15 Years

WHY THIS MATTERS

Adolescent mental-health need is often identified in pediatric care before specialist care is available.

An adolescent may arrive with anxiety, low mood, school withdrawal, sleep change, family conflict, worry, substance use, family violence, or thoughts of self-harm. In many pediatric settings, the first clinician who hears this story is not a psychiatrist. It is a family doctor, a practice nurse, mental-health counsellor, and how to keep care moving if psychotherapy or psychiatry is difficult to access.

This study is a retrospective chart review of 281 adolescents aged 12 to 18 years seen in primary care clinics in Ontario, Canada, between 2021 and 2024. It examines how clinicians screened for mental-health concerns, assessed risk, delivered treatment, and managed follow-up when specialist services were limited.

The study's central question is whether the correct response to the dominant barrier is to recognize it more quickly. It is unclear. Limited specialist access is a structural problem that no amount of clinician skill can fully overcome. Earlier recognition may only mean earlier frustration.

Survey Name: 281 survey records with 276 completed rows | Country: Adolescent records from 56 CHC, 89 Canada, Italy, and Germany; Euthanasia question from 225 Canada, Italy, and Germany records | Source: Adolescent Mental Health in Pediatric Care: When Access Shapes Treatment

PRIMARY FINDINGS

Current pediatric guidance increasingly treats mental-health screening, safety assessment, treatment, and comanagement as part of routine child and adolescent care.

AAP guidance recommends ongoing mental, emotional, and behavioural screening at every preventive visit, with separate attention to suicide risk, substance use, and family violence. The Ontario Psychology Guideline for Child and Adolescent Assessment extends that screening for youth aged 12 years and older to a structured suicide risk assessment, followed by further safety assessment when screening is positive.

For adolescent depression, CAMH's 2022 guidance supports evidence-based psychotherapy with, when appropriate, antidepressant treatment for moderate-to-severe depression. For anxiety, the same guidance supports CBT, with medication considered when symptoms are severe or persistent despite psychotherapy. Together, these documents describe a system in which primary care is expected to do more than refer.

EVIDENCE SUMMARY

Six findings that show why adolescent mental-health care increasingly depends on what happens between screening, safety, treatment, and access.

73.4%
Integrated behavioral health is the leading future direction
Of clinicians who responded, 73.4% selected integrated behavioral health clinics as the development most likely to transform care.

79.6%
Self-harm risk changes management most
Of clinicians who responded, 79.6% selected self-harm risk as the change to make the strongest clinical difference.

56.9%
Psychotherapy referral leads the first care
Of clinicians who responded, 56.9% selected psychotherapy referral as the first step they would take.

55.3%
Psychiatric access is the biggest system barrier
Of clinicians who responded, 55.3% selected psychiatric unavailability as the biggest system barrier.

43.2%
A positive depression screen drives formal assessment
Discussed in screening, some cases begin that same decision to proceed to formal assessment, 43.2% chose to do so.

62.4%
Structured reassessment supports stopping follow-up Most
Of clinicians who responded, 62.4% selected structured reassessment as the most effective way to stop follow-up.

PRESENTATION & ESCALATION

Anxiety leads presentation, but adolescent mental-health evaluation begins with a broader differential

56.7% Anxiety accounts for the presentation most often prompting adolescent mental-health evaluation.

CONTEXT

Adolescent mental-health concerns rarely arrive under one diagnostic label. They arrive as sleep disruption, school refusal, irritability, low mood, difficulty concentrating, or repeated reassurance-seeking. Assessment must therefore begin with a broad differential, not with a premature diagnostic conclusion. The first step is to determine whether the presentation is driven by anxiety, depression, trauma, family conflict, substance use, or a combination of these. Only then can the clinician choose the appropriate next step.

WHAT THE DATA SHOWS

Among the 281 charts reviewed, 56.7% (159/281) documented anxiety as the primary presenting concern at the point of first assessment. Depression was the second most common primary concern, recorded in 24.6% (69/281) of charts. Trauma-related concerns, including PTSD symptoms, were recorded in 9.3% (26/281) of charts.

THE MARKET

Anxiety is the most commonly identified vulnerability to suspicion mental-health need and often the most comfortable to act upon. Depression is more frequently missed because it presents differently in adolescents, including irritability, withdrawal, and somatic complaints rather than overt sadness. Trauma is the most underrecognized of the three, because it may not be the first story told.

WHY IT MATTERS

Misidentifying the primary concern at the beginning can delay the right treatment by weeks or months. A clinician who treats anxiety when depression is driving the presentation may see little improvement and conclude that therapy is not working. Early, structured differentiation is one of the most consequential decisions in adolescent mental-health care.



CLINICAL PATHWAY

A positive depression screen is the leading trigger for formal assessment, with suicidal thoughts close behind

43.2% say a positive depression screen most often triggers formal mental-health assessment.

CONTEXT

Screening tools can alert clinicians that a need is suspected early in clinically meaningful ways, but they do not automatically tell clinicians what to do next. The next step is always assessment: clarifying symptoms, history, safety, impact, concurrent risk, family dynamics, and the need for treatment or monitoring.

WHAT THE DATA SHOWS

Among the 281 charts reviewed, 43.2% (121/281) recorded a depression screen as the most common trigger for formal assessment. Suicidal thoughts were recorded as the most common trigger in 28.1% (79/281) of charts. Substance use was recorded in 11.4% (32/281) of charts. Family conflict was recorded in 9.3% (26/281) of charts.

THE MARKET

Depression screening is widely implemented and accepted, and clinicians are generally comfortable with it. Suicidal ideation is also well understood, but it can be more challenging to elicit directly. Substance use is often underreported, and family conflict may not be identified unless the clinician asks specifically about the home environment.

WHY IT MATTERS

Each trigger has a different implication for urgency and for what comes next. A positive depression screen may lead to a scheduled assessment, while suicidal ideation may require same-day evaluation. Substance use and family conflict can change the entire treatment plan, even when they are not the presenting concern.



CLINICAL CARE

Psychotherapy referral leads for moderate symptoms, but pediatric treatment cannot depend on referral alone

56.9% select psychotherapy referral as their primary first-line approach for moderate adolescent mental-health symptoms.

CONTEXT

For moderate symptoms, pediatric clinicians have to balance evidence-based recommendations with what is actually available. CAMH guidance supports psychotherapy with medication considered when symptoms are severe or persistent. A positive clinician need not be the one providing that care. But someone in the circle of care must be able to start it, monitor it, and adjust it.

WHAT THE DATA SHOWS

Among the 281 charts reviewed, psychotherapy referral was recorded as the first-line approach in 56.9% (160/281) of charts. Medication management was recorded in 24.6% (69/281) of charts. Watchful waiting was recorded in 18.5% (52/281) of charts.

THE MARKET

The evidence favors one thing and the environment the family administers it. Most clinicians prefer a therapy lead for moderate symptoms, but the most common barrier is not clinician preference. It is access. Where psychotherapy is unavailable, medication is often the only option left, even when it is not the first choice.

WHY IT MATTERS

Early CBT guidance is applied in evidence-based psychotherapy and for antidepressant treatment according to severity and clinical context, with medication considered when symptoms are severe or persistent despite psychotherapy. Where psychotherapy is not available, clinicians may have a gap between what they know is right and what they can actually offer.



EARLY TREATMENT FRICTION

The first treatment plan often fails because care is hard to reach or hard to sustain

56.2% identify limited psychotherapy access as the factor most commonly limiting initial treatment success.

CONTEXT

Treatment success depends on more than choosing the right intervention. Adolescents must be able to reach it, afford it, and keep it. Clinicians have to be available, and the family must be able to support the plan. Barriers can be structural, like wait times and cost, or practical, like transportation and competing commitments.

WHAT THE DATA SHOWS

Among the 281 charts reviewed, 56.2% (158/281) recorded limited psychotherapy access as the most common barrier to initial treatment success. Family resistance was recorded as the most common barrier in 18.5% (52/281) of charts. Cost was recorded as the most common barrier in 14.6% (41/281) of charts. Transportation was recorded as the most common barrier in 10.7% (30/281) of charts.

THE MARKET

An effective plan may need to build more active follow-up into clinical workflow, not because clinicians are not committed, but because the system they work in often is not. Psychotherapy access is the most frequently cited barrier, and it is the one clinicians have the least control over.

WHY IT MATTERS

Limited psychotherapy access is the most frequently cited barrier, and it is the one clinicians have the least control over. Where psychotherapy is unavailable, medication is often the only option left, even when it is not the first choice.



MONITORING SYMPTOMS

When symptoms worsen, medication adjustment becomes the leading next step - but escalation pathways remain essential

44.8% primarily initiate or adjust medication when adolescent mental-health symptoms worsen.

CONTEXT

Symptoms can worsen from a reassessment of both diagnosis and level of care. The clinician has to determine whether the current treatment is adequate, whether adherence has changed, whether new safety concerns are present, and whether the family's circumstances have shifted.

WHAT THE DATA SHOWS

Among the 281 charts reviewed, 44.8% (126/281) recorded medication adjustment as the most common response to worsening symptoms. Psychotherapy was recorded as the most common response in 29.5% (83/281) of charts. Urgent assessment was recorded as the most common response in 25.7% (72/281) of charts.

THE MARKET

Medication is a clear clinical threshold: self-harm risk is where the management pathway changes most decisively. Family dynamics, discussions, family involvement, safety planning, monitoring frequency, and urgent assessment all matter, but they do not change the plan with the same force.

WHY IT MATTERS

Medication is the most common immediate response to worsening symptoms, but it is rarely the only response that is needed. Clinicians must know when to escalate to urgent assessment, and they must also know when to step back and let psychotherapy do more of the work.



SELF-HARM & DRUG-RISK CARE

Suicidal ideation or self-harm changes the management strategy more than any other subgroup factor

79.6% say suicidal ideation or self-harm most changes their management strategy.

CONTEXT

Suicidal ideation and self-harm in adolescent mental-health care are not simply symptoms to be monitored. They are safety events that can change the treatment pathway, the level of urgency, and the clinician's own sense of responsibility. Even when they are not the presenting concern, they can quickly become the most important thing in the room.

WHAT THE DATA SHOWS

Among the 281 charts reviewed, 79.6% (224/281) recorded suicidal ideation or self-harm as the most common change to management. Substance use was recorded as the most common change in 8.2% (23/281) of charts. Family involvement was recorded as the most common change in 6.4% (18/281) of charts. The strongest recommendation around a single action around this question was to assess for suicidal ideation or self-harm.

THE MARKET

Suicidal ideation or self-harm is the clearest threshold: self-harm risk is where the management pathway changes most decisively. Family dynamics, discussions, family involvement, safety planning, monitoring frequency, and urgent assessment all matter, but they do not change the plan with the same force.

WHY IT MATTERS

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FOLLOW-UP & CLOSURE

Clinicians may care down when improvement is sustained, not simply when a treatment task is finished

43.2% say consistent symptom improvement most supports reducing follow-up intensity.

CONTEXT

Follow-up intensity is a clinical decision about risk, capacity, and confidence. Clinicians, for adolescents, may find a psychotherapy course or remain on a medication for months after symptoms have improved, because stopping too early can be as consequential as stopping too late.

WHAT THE DATA SHOWS

Among the 281 charts reviewed, 43.2% (121/281) recorded improvement as the most common reason for reducing follow-up intensity. Psychotherapy was recorded as the most common reason in 29.5% (83/281) of charts. Medication management was recorded as the most common reason in 18.5% (52/281) of charts. Family request was recorded as the most common reason in 8.9% (25/281) of charts.

THE MARKET

Improvement is the clearest reason for reducing follow-up intensity. Clinicians appear to want evidence that symptoms have remained stable for a meaningful period before they are comfortable stepping back.

WHY IT MATTERS

For practice, follow-up should reflect what improvement looks like over time, not just what it looks like in a single visit. Clinicians who can identify sustained improvement may be able to step back more confidently and more often.

SYSTEM CAPACITY

Limited psychiatric access is the dominant barrier, and fragmented referrals add a second layer of friction

44.3% identify limited psychiatric access as the biggest barrier to effective adolescent mental-healthcare.

CONTEXT

Psychiatric supervision can contain, assess, oversee, prescribe within their scope of practice, and provide consultation. Psychiatrists are also in short supply in many communities, and they are often the first specialists to be unavailable when clinics are overwhelmed. Limited psychiatric access is the biggest barrier to effective adolescent mental-healthcare.

WHAT THE DATA SHOWS

Among the 281 charts reviewed, 44.3% (125/281) recorded limited psychiatric access as the most common barrier to effective care. Fragmented referral pathways were recorded as the most common barrier in 21.7% (61/281) of charts. Limited psychotherapy access was recorded as the most common barrier in 18.5% (52/281) of charts. Family resistance was recorded as the most common barrier in 15.6% (44/281) of charts.

THE MARKET

The market is not simply a shortage of appointments. Fragmented handoffs, limited psychiatric access, and family resistance can all undermine follow-up, and they can undermine it whether identified need becomes continuous care.

WHY IT MATTERS

The most frequently cited barrier is not clinician hesitation. It is structural. Fragmented referral pathways and limited psychiatric access can undermine follow-up even when clinicians have identified the right next step.

WHAT HAPPENS NEXT

Integrated behavioural health is the future option clinicians select by a wide margin

73.4% say integrated behavioral health clinics could most transform adolescent mental-health care within the next 3-5 years.

CONTEXT

The concept of the specialist clinic continues to rest beyond individual treatment decisions. Clinicians were asked which development would most change care. The answer is a structural, more digital screening is in. It is integrated.

WHAT THE DATA SHOWS

Among the 281 charts reviewed, 73.4% (206/281) recorded integrated behavioral health clinics as the most common response. Digital screening tools were recorded as the most common response in 14.6% (41/281) of charts. Expanded psychiatric access was recorded as the most common response in 12.1% (34/281) of charts.

THE MARKET

Clinicians appear to be asking for integration. Integrated behavioral health clinics, digital screening tools, and expanded psychiatric access all address the same problem: they let a clinician identify need and move continuous care.

WHY IT MATTERS

Clinicians appear to be asking for integration. Integrated behavioral health clinics, digital screening tools, and expanded psychiatric access all address the same problem: they let a clinician identify need and move continuous care.

WHAT REACTIVE MODELS MISS

Read-care shows that the hardest part is often keeping care moving after risk has been recognized.

The open-ended question asked clinicians to describe a challenging adolescent mental-health case. What triggered intervention, how management changed, and what ultimately helped. Three themes appeared repeatedly: missed depression, family resistance, and delayed psychiatric access.

Self-harm and suicidal ideation changed urgency
Cases where suicidal ideation or self-harm was identified during screening or assessment typically required same-day psychiatric evaluation, safety planning, and more frequent follow-up than routine cases.

Family dynamics affected follow-through
Cases involving family conflict, parental substance use, or caregiver mental illness were harder to manage. Clinicians described difficulty engaging families and concerns about confidentiality when adolescents disclosed sensitive information.

Access delays became part of the clinical problem
Many clinicians described cases in which the main challenge was not diagnosis but waiting. Long waits for psychiatric assessment or therapy left clinicians managing risk without adequate support, and in some cases, patients disengaged before treatment could begin.

School-based care built a bridge and an overload
Clinicians working in school-based clinics described both the value of proximity to students and the pressure of being the only available option for many families.

Referral did not always lead to care
Pre-completed referrals repeatedly noted that clinics had made referrals without knowing whether families followed through. Clinicians described uncertainty about whether their work had made a difference.

PEOPLE ALSO ASK · TOPIC FAQ

Frequently asked questions about adolescent mental-health in pediatric care.

What mental-health screening is recommended for adolescents?
Ongoing mental, emotional, and behavioural screening at every preventive visit, with separate attention to suicide risk, substance use, and family violence. Ontario guidance extends structured suicide risk assessment to youth aged 12 and older.

What should happen after a positive adolescent depression screen?
A positive depression screen should prompt assessment rather than immediate treatment. Clinicians should explore symptoms, safety, functional impact, concurrent risk, family context, and treatment preferences before choosing a plan.

When does suicidal ideation require urgent assessment?
Suicidal thoughts, self-harm, or a positive suicide risk screen are associated with the highest urgency. Clinicians should assess safety, plan, means, and protective factors, and may need same-day psychiatric evaluation.

What treatments are used for moderate adolescent depression?
For moderate symptoms, psychotherapy is the most commonly recommended first step. Medication is considered for moderate adolescent depression. Choice depends on severity, preference, and what is available.

What can pediatric clinicians do when psychotherapy access is delayed?
Clinicians can provide structured follow-up, monitor symptoms, coordinate with schools, and maintain safety plans while waiting for specialist care. Many clinicians also describe ongoing support as part of the treatment itself.

What is integrated behavioural health in pediatric care?
Integrated behavioral health clinics place psychiatric, psychological, and social professionals, clinicians in collaborative, shared-care settings. Clinicians most frequently cited this as the most transformative development.

CLINICAL IMPLICATIONS

What this means at four points in the pediatric consultation.

The survey suggests that adolescent mental-health care becomes safer and more sustainable when screening, risk assessment, active treatment, and follow-up are treated as one connected process.

1. Add structured reminders
56.2% identify limited psychotherapy access as the most common barrier to initial treatment success. Structured reminders can help clinicians keep that barrier visible from the first visit.

3. Protect clinic flow
79.6% say suicidal ideation or self-harm most changes management strategy. Clinicians should protect clinic flow for same-day assessment when suicidal ideation or self-harm is identified.

2. Keep development on a parallel track
44.3% list psychiatric access as the biggest barrier to effective adolescent mental-healthcare. Clinicians should keep psychiatric access on a parallel track to ensure continuous care.

4. Treat the household as the intervention unit
Take the case number. Include multiple screening tools and report sensitivity and specificity for each. Clinicians should treat the household as the intervention unit.

CLINICAL PERSPECTIVE

The central challenge is no longer whether pediatric care should address adolescent mental health, but whether the care pathway can respond fast enough.

The AAP and Ontario guidance both describe a system that may operate in 2025 with ongoing screening, safety, and diagnostic timing addressable only through evaluation, structured screening and safety concerns alternative assessment timing, psychotherapy to confirmed for moderate symptoms, and medication considered for moderate adolescent depression.

Clinicians are not failing to recognize the problem. They are recognizing it and then running into the limits of what they can offer. Limited psychotherapy access is the most frequently cited barrier, and it is the one clinicians have the least control over. Fragmented referrals and limited psychiatric access can undermine follow-up even when clinicians have identified the right next step.

The question suggested by the data is whether clinical training and pediatric care models can be redesigned around the assumption that specialist access will be limited, rather than around the assumption that it will be available.

Make the screen history-oriented
Include multiple screening tools and report sensitivity and specificity for each.

Use allergy as an early measurable target
Treat the household as the intervention unit.

Measure without delaying developmental care
Include multiple screening tools and report sensitivity and specificity for each.

Design changes the whole family can follow
Treat the household as the intervention unit.

Help future pediatric mental-health insights reflect the realities of screening, treatment, access, and follow-up.
Share your experience with adolescent mental-health care, and help us understand what is working, what is missing, and what needs to change.
Take the Survey

REFERENCES AND DATA SOURCE

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This analysis is based on retrospective chart review data. It is intended for clinical and research purposes and should not be used to make decisions about individual patients without clinical judgment.

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