

1 **“I wish I was someone else.” Complexities in identity formation and**
2 **professional wellbeing in veterinary surgeons.**

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7 **Abstract**

8 **Background:** There is widespread concern surrounding veterinarians' mental health.
9 Upon entering the profession, early career veterinary surgeons encounter colleagues with
10 diverse and conflicting identities, manifesting in their differential prioritisation of
11 definitive clinical treatment, interpersonal interactions, or the commercial success of the
12 practice. In other professions, poor wellbeing arises from confusion between these
13 conflicting identity discourses, as new professionals attempt to identify role models
14 aligned with their own identity beliefs. New veterinarians' wellbeing may thus depend on
15 their negotiation of different identities, as they construct their own sets of professional
16 values and determine the type of veterinarian they wish to become.

17 **Methods:** Identity formation was explored narratively using veterinarians' social media
18 stories.

19 **Results:** Poor professional wellbeing appeared to arise from identity confusion: failure to
20 consistently commit to either the dominant diagnosis-focused discourse valued by
21 academic role models, or a relational discourse, emphasising working through contextual
22 challenges such as varying client needs. Workplace stress appeared to magnify the
23 dominance of academic priorities in self-identity understanding, worsening identity
24 confusion. Also concerning was the positioning of the client "as enemy", obstructive to
25 veterinarians' identity goals. Social dialogue, intended to provide support during
26 veterinarian-client conflict, potentially reinforced rejection of the client from the
27 veterinary professional identity, strengthening a context-inappropriate, non-relational
28 identity. This worsened identity confusion between the prized "diagnostic identity" and
29 the locally valued relational identity, and was detrimental to wellbeing.

30 **Conclusions:** Interventions are required, within veterinary education and postgraduate
31 continuing professional development, that encourage reflection on identity and reinforce
32 the value of relational identity attributes.

33

34 Running title: Complexities of veterinary identity

35 Keywords: Professional identity, narrative inquiry, mental health, veterinary education,
36 reflection.

37

38 **Introduction**

39 Concerns surrounding veterinarians' mental health are well documented (1,2). The veterinary
40 workplace contains many stressors, with a heavy workload, heightened emotions and high client
41 expectations all proposed as potential contributors (1,3). Early research suggests some
42 veterinarians construct their identity on the basis of overcoming these frequent challenges and
43 experience enhanced wellbeing (4). However, little is understood as to why some such
44 individuals achieve this, some find the workplace aversive but are able to accept it, yet others
45 experience it as a source of significant mental harm. Exploring the nuances of identity formation
46 more deeply may contribute to further understanding of the relationship between identity
47 construction and professional wellbeing.

48

49 Mental health represents a complex, multidimensional psychosocial construct, of which
50 identity issues represent one element (5). Identity self-understanding (*I know what is important*
51 *to me*), and identity-behaviour alignment (*I can remain true to myself in my actions and*
52 *decisions*) impart a sense of wellbeing that contributes to positive psychological health (6–8). It
53 can therefore be argued that wellbeing will be supported by encouraging veterinary students'
54 self-awareness of their identity values and helping graduates to align their actions with their
55 values, particularly within the complex environment of the clinic. However, beyond this, the
56 interrelationship between identity and wellbeing becomes more complex, with often
57 contradictory messages.

58

59 Particularly within the psychology literature, cohesion in one's identity is often
60 positioned as integral to wellbeing (9,10). Within this framework, identity is rooted in one's
61 moral values and beliefs (the understanding of what is personally important), and there is
62 emphasis on the importance of adherence to a consistent set of values and beliefs, regardless of
63 social context (i.e. in whichever environment and group of people the individual finds
64 themselves). A non-coherent or fragmented identity arises when an individual experiences
65 identity confusion (a poor understanding of their own identity priorities), or through the

66 experience of dissonance, when there is a perceived need to occupy *multiple selves*: aligning
67 identity with different sets of beliefs. For the veterinarian, this may occur when working with
68 variable clients' needs (e.g. financial limitations) or values (e.g. varying prioritisation of animal
69 health). Other authors argue that the pursuit of identity coherence, achieving a consistent
70 identity across all contexts, is futile, and that since identity is constructed through social
71 interaction, an individual's identity will necessarily be in flux, depending on the situation, and
72 the values and behaviours of those with whom the individual is interacting (11).

73

74 While an extensive analysis of the contradictions between cohesive and multiple
75 identities is beyond the scope of this paper, it is valuable to consider what this means in terms of
76 conceptualising identity with respect to wellbeing. The availability, to an individual, of multiple
77 identities that are presented in different social situations has been described as inevitable within
78 contemporary society (12). The individual is thus described as infinitely versatile, presenting
79 different versions of self, for example as parent, colleague, manager, employee, son/ daughter
80 (and online), with no negative psychological repercussions. However, counter to this argument
81 is the view that one's identity is defined by one's (consistent) goals and values, which provide
82 grounding and a stabilising sense of wellbeing as the individual moves between different (and
83 often difficult) situations (13). There is a need to tease apart the importance of flexibility and
84 adaptability (so the veterinarian is able to function in different situations without experiencing
85 identity dissonance) from the importance of possessing a consistent set of identity values that
86 impart a moral compass and unvarying sense of what is important (14). It is also important to
87 separate identity understood through one's core beliefs from identity understood through one's
88 external behaviours, which are sometimes assumed to be intrinsically connected (15). For the
89 veterinarian, understanding the relationship between identity values and external behaviours is
90 important for reasoning identity-dissonant behaviours and preventing moral distress associated
91 with these (such as the act of euthanasia when one's belief systems would advocate for clinical
92 treatment). While an individual may need to temporarily exhibit dissonant behaviours (e.g. to
93 empathise with a client with whom one's values conflict), this is not the same as altering one's

94 values to align with the situation. In terms of an individual's identity formation, being able to
95 engage with the different identity discourses present in the workplace, consider these
96 reflectively and use them to adapt and evolve professional identity may be considered integral
97 to healthy identity development (7). However, the more chameleonic altering of identity values
98 according to whichever peers are currently closest (in order to gain peer approval and fit into a
99 group) implies a poor understanding of what is personally important and may lead to identity
100 confusion. This complexity has been explored elsewhere in greater detail within the context of
101 the veterinary profession (16).

102

103 Professional identity is a specific example of self-identity in the workplace context. It is
104 inherently contextual and social, formed through and enacted within social interactions in the
105 veterinary workplace. Professional identity formation occurs through the process of joining a
106 new community, whose members demonstrate group values and behaviours (both at the level of
107 the profession, and within the more immediate group, for example the culture of the veterinary
108 practice). This social element of professional identity means that identity cohesion, as well as a
109 sense of belonging and social acceptance, require the individual's identity priorities to become
110 continuous with what is valued within the new group (17). Without this coherent sense of *self in*
111 *context*, identity dissonance may arise from misalignment between self-identity and group
112 identity, for example when role models conflict with new graduates' professional ideals (18).

113

114 On entering work, professional identity formation will transition from an understanding
115 of professional priorities and goals formed as a student, to a re-shaped version influenced by the
116 norms, challenges, behaviours and expectations of the workplace. This transition occurs at
117 multiple identity levels (19), each of which may result in troubling confusion. Identity
118 understood through practice (the work that is performed) may differ from that anticipated, as the
119 university-emphasised scientific model of disease presentation, diagnosis and treatment
120 contrasts with the reality of patient ambiguity and clinical uncertainty (20). Identity understood
121 at the level of personal values may also become confused, as the graduate tries to make sense of

122 the heterogeneous set of sometimes conflicting priorities and values that are held by different
123 members of the profession, with members differently prioritising clinical expertise,
124 interpersonal relationships or the commercial stability of the practice (21,22). At the
125 organisation or profession level, the assumed sense of status and heightened self-esteem that
126 comes from joining a long-aspired-to professional group may be elusive, paradoxically
127 increasing stress and anxiety (11). As identified in other professions (19), the sense that being a
128 veterinarian is an important part of self-identification is notable (23), but this may exacerbate
129 the negative psychological consequences of career distress or un-met professional ideals.

130

131 As professional identity is explored and re-shaped in response to these multi-layered
132 influences, interactions with clients appear to be particularly powerful, with the veterinarian's
133 role and personal sense of success being moulded by these (20,24). Social interaction influences
134 identity not only through the incorporation of role models' values (25), but also through the way
135 the individual is seen by others (in effect, the *way I see myself* will be informed by *the way*
136 *others see me*) (11). Veterinarians have spoken of their need not only to achieve their own high-
137 reaching goals, but also to obtain approval from their clients (20). Clients' perceptions of the
138 veterinarian are thus influential in their identity construction, but at the same time, client
139 expectations represent a significant source of stress (3). The positioning of the client with
140 respect to the veterinarians' evolving self-understanding therefore appears crucial, and merits
141 consideration alongside the influences of university teaching and professional role models.

142

143 The formation of professional identity from a naïve student identity is therefore
144 complex, occurring at multiple levels through interactions with diverse others, frequently in
145 difficult situations. An elongated, staged process might therefore be expected. The stresses of
146 the workplace environment, which include clients' differing needs and values, means the
147 graduate may initially find it simpler to occupy multiple selves, not only in work and out of
148 work contexts (to dissociate their enforced work behaviours from their idealised professional
149 self), but also when interacting within different work spheres (for example the identity

150 presented to managers, nurses and different clients) (26,27). Such a strategy arguably simplifies
151 identity work, with the individual adopting a set of values that allows them to work most
152 effectively with whichever clients or colleagues they are temporarily working. Described as
153 identity compartmentalisation (26), this represented a coping strategy for managing the
154 complexity of early healthcare careers in previous studies, manifesting as an early focus on
155 technical competence rather than on caring and empathy (27,28). Prior notions of the
156 professional self (e.g. the doctor they aspired to be) were temporarily relinquished when
157 working in certain contexts.

158

159 It could be argued that the ability to compartmentalise one's identity may confer
160 wellbeing benefits, such as being able to distance one's idealised sense of self from that enacted
161 in a stressful workplace (in effect, being a *different person* in and out of work). However, for
162 many veterinarians, self-identity is inextricable from professional identity (23). This may, of
163 course, contribute to the mental health issues within the profession, however the close
164 association between individuals' sense of self as a veterinarian and as a person means that the
165 identity fragmentation arising from a compartmentalised identity may have negative
166 consequences for professional and personal wellbeing. Nystrom's model of identity
167 compartmentalisation progressing to integration may therefore be preferable, whereby the
168 individual constructs a personal set of identity values that they are able to consistently integrate
169 across all contexts (26).

170

171 Early attempts to articulate the veterinary identity suggest different discourses exist,
172 notably the contrast between an academic identity, focused on definitive diagnosis and
173 treatment, and a more relational identity, emphasising individualised problem-solving according
174 to clients' varying needs (24). Individuals' career satisfaction and resilience appeared to depend
175 on their identification with an identity discourse that could be enacted within their work
176 environment, with enhanced wellbeing in general practice being found in those demonstrating a
177 more relational identity (24). This current analysis aimed to explore the relationship between

178 identity formation and wellbeing more deeply, by focusing on two individuals whose poor
179 emotional health appeared to contradict the conclusions of this earlier study. The analysis
180 explores the extent to which these individuals' wellbeing was influenced by their identity
181 cohesion: the consistency of their identity self-understanding across different contexts.

182 **Methods**

183 *Methodological framework: narrative inquiry*

184 This study represents a continuation of work reported earlier. A narrative inquiry was performed
185 to explore the experience of entering the veterinary profession, using the social media stories of
186 a small group of veterinary graduates (24). Within narrative inquiry, to achieve depth in
187 understanding, an important analytical step is narrative reconstruction: the rewriting of
188 participants' experiences by the researcher (29). The required narrative writing is an iterative
189 process, and is often used to further explore tensions identified during initial text analysis (30).
190 In this current study, narrative reconstruction was used to explore identity tension and paradox
191 identified in initial text analysis, particularly where individuals' poor professional wellbeing
192 could not be explained using the identity conclusions drawn for the wider research participants.

193

194 Frequently used in identity research (31–33) narrative reconstruction represents an
195 interpretivist, constructivist methodology and the identity interpretations are thus inevitably
196 influenced by the researcher. Although potentially introducing researcher bias, the researcher
197 being from the same field as the participants is positioned as a strength: the experiences being
198 analysed are familiar, and the researcher's insight into these will enhance analytical and
199 interpretive depth (29,34). The use of "member checking" is sometimes advocated so
200 participants can verify researcher interpretations (35). However, this carries the assumption that
201 participants' interpretations of their own identity will be more valid than those of the researcher,
202 which is not universally accepted (36). Although it could be argued that the researcher may
203 enforce an inauthentic identity construction upon the participants, member checking was not

204 used in this research. Instead it was assumed that the researcher's understanding of identity and
205 extended experience within the veterinary profession would confer interpretations that would be
206 at least as valid (if not more so) than the participants' own.

207

208 Stories have been used in research according to a number of methods, however not all
209 of these achieve the analytical depth of narrative inquiry (37,38). Narrative reconstruction was
210 therefore performed according to Connelly and Clandinin's principles, designating narrative as
211 both "*phenomenon and method*" (29). "Narrative as phenomenon" described the data source
212 (the participants' experiences and Facebook stories). "Narrative as method" described the
213 experiential nature of the Facebook group, a process of "*[coming] into relation with*
214 *participants... [as] we intentionally put our lives alongside an other's life... we become part of*
215 *participants' lives and they part of ours*" (39). Classically achieved by the researcher working
216 alongside the participants (34), this approach to narrative inquiry was not deemed possible for
217 this research, due to the wide geographical distribution of veterinary graduates. Instead, the
218 entry into participants' lives was achieved as completely as possible through the establishing of
219 a virtual social media space for story-telling. Efforts were made to generate a non-hierarchical,
220 collaborative, shared space for discussion, for example through the researcher acting as a
221 participant and contributing their own stories of experience, the participants being empowered
222 to direct the narrative through the un-prompted telling of their stories, and participants' freedom
223 to recruit peers into the group.

224

225 Narrative also described the approach taken to narrative reconstruction: the three
226 narrative inquiry commonplaces: (temporality, sociality and place) (38,40) were used to create
227 story subheadings; from these, participant narratives were reconstructed using Mishler's
228 description of narrative analysis (34). In this framework, the iterative process of narrative
229 reconstruction involved repeat cycles of describing the tensions identified during earlier
230 analytical stages, and then positioning these in the context of wider literature and professional

231 discourse. The final storied output corresponded to the re-storied narratives that have been
232 described previously (32,41,42), and it is this which forms the Results section of this paper.
233

234 ***Identifying identity: a conceptual framework***

235 To make interpretations about identity construction, identity was understood according to
236 Ricoeur's principle of narrative identity and Marcia's identity statuses (43,44). Narrative
237 identity describes the assumption that when an individual retells a story of their experience, they
238 will emphasise those elements that are most personally meaningful, either because they align
239 with one's identity priorities, or because the events told are in direct conflict with these (43).
240

241 Marcia's framework describes four different ways (*statuses*) that an individual's
242 identity is self-understood. Individuals may develop a clear understanding of their own identity
243 priorities through a process of engaging and empathising with alternatives. Such individuals,
244 described as demonstrating identity *achievement*, tend to exhibit high levels of wellbeing, and
245 are untroubled by others possessing conflicting values (7). Others may develop a clear
246 understanding of their own identity, but without engaging meaningfully with alternatives. Their
247 identity is then *foreclosed* by a strong role model or other social influence; such individuals find
248 it difficult to empathise when others possess different values. A third variant experience identity
249 *diffusion*: such individuals have no attachment to personally meaningful identity elements and
250 mould themselves according to the values of their current social group: they prize the
251 experience of social cohesion over retaining personal values. Lastly, some individuals
252 experience a status described by Marcia as being in identity *moratorium*. Like those with a well-
253 developed identity, these individuals engage in understanding multiple identity discourses.
254 However, unlike those individuals with an achieved sense of self-identity, a state of moratorium
255 describes the distressing experience of being unable to define a consistent set of personal values
256 with which to self-identify. Identity confusion and high levels of anxiety result (7).

257

258 The earlier, preliminary stages of narrative analysis of participants' stories had revealed
259 two distinct discourses. A "diagnosis-focused" identity described individuals who appreciated
260 career satisfaction only when achieving a definitive diagnosis and successful treatment. A
261 "challenge-focused" identity was more relational in nature. These individuals were able to
262 appreciate a sense of success from helping to design individualised solutions for clients, even if
263 this compromised the veterinarian's ability to come to a certain diagnosis or apply the most
264 effective treatment (24). Career frustration was evident in those with a diagnosis-focused
265 identity when contextual elements (particularly conflicting client needs and values) obstructed
266 extensive diagnostics and treatments. This dualistic conceptualisation of early career identity
267 was likely an over-simplification of the relationship between identity and wellbeing, and
268 additional tensions, unattributable to contextual obstruction of identity goals, were evident on
269 further analysis of certain participant's stories. The narratives of two particular graduates
270 (referred to using the pseudonyms Jane and Karl) were identified as being of particular interest.

271

272 These two participants were selected because they demonstrated frequent distress and
273 poor emotional wellbeing, yet (at times) they both engaged with the relational, challenge-
274 focused identity that had previously been associated with greater satisfaction and resilience to
275 workplace challenges. They thus failed to closely fit the conclusions made at the end of initial
276 text analysis, as well as demonstrating (at different times) engagement with both relational and
277 diagnosis-oriented identity discourses. A lack of identity cohesion was therefore considered as a
278 possibility for both participants. Their narratives were analysed further, using iterative narrative
279 reconstruction, to explore identified contradictions with previous work, and deepen
280 understanding of identity coherence and its impact on wellbeing.

281

282 **Results**

283 *Participant Jane: Distress arising from identity confusion.*

284 Jane's stories suggested frequent engagement with conflicting identity discourses, at different

285 times emphasising diagnosis-focused and relational priorities. When a relational identity was
286 apparent, Jane demonstrated satisfaction from working through difficult situations with clients,
287 and balancing clients' expectations against the challenges of financial and time pressures. An
288 emphasis was placed on forming positive client relationships, and a sense of satisfaction
289 demonstrated from achieving a human-oriented outcome, despite limited technical expertise:

290 *I had 2 cases recently, both cats, both with masses... They came in on a weekend*
291 *when I was on my own and having chatted to my boss later in the week when they*
292 *were both back in for scans I was pleased that my diagnostic approach had been*
293 *the same as he would have done. I had difficult conversations with both sets of*
294 *owners as it was not good news in either case but they both thanked me for*
295 *everything. I spend a lot of time thinking and feeling that I don't really know what*
296 *I'm doing / I am not doing a particularly good job but these cases remind me that*
297 *although I don't know as much as the senior vets, I do know some stuff!*

298 In contrast, a diagnosis-focused identity was evident when technical competence and successful
299 diagnosis were valued more highly, and Jane became disappointed when these could not be
300 achieved:

301 *[One case] in particular was a young puppy with acute renal failure that was*
302 *unfortunately euthanised... I wonder whether if I had more experience whether I*
303 *would have advised the owner differently with regards to further investigation etc*
304 *etc... I sometimes feel we are not as prepared as maybe we could be especially*
305 *with regards to first opinion stuff.*

306
307 *My first proper case [was] a 2 year old Springer Spaniel with enlarged left sub-*
308 *mandibular lymph node... FNA followed by biopsy... the results of the biopsy*
309 *didn't give a definitive diagnosis. The owners don't want further investigation so a*
310 *little frustrating.*

311 Jane's stories suggested a frequent perception that others better exemplified her
312 idealised professional identity. She valued the attributes of others more than her own: graduates
313 of universities where students spend more time in first opinion practice, specialist veterinary
314 practitioners, first opinion practitioners with more experience, and veterinary nurses. Although

315 this may simply be interpreted as a lack of confidence in her own skills, or a productive
316 reflection on how others may handle situations differently, analysing these stories as a complete
317 narrative revealed the idealised professional identity to represent an unachievable and artificial
318 construct, combining the prioritised competences of the academic specialist, veterinary nurse,
319 general practitioner, experienced clinician and better prepared new graduate. This construct was
320 clearly not based on a single role model. Instead, it seemed to suggest Jane's appreciation of
321 relational attributes when working through complex situations with clients (particularly in her
322 valuing of veterinary nurses and time spent in general practice), but her inability to eschew the
323 "diagnostic expert" status of the academic specialist.

324

325 An understanding of different identity discourses may be beneficial in triggering
326 reflexive engagement in context-informed identity formation. However, Jane was seemingly
327 unable to reject the diagnosis-focused identity, even though she was aware the pursuit of
328 definitive diagnosis and best-prognosis treatment (regardless of client and patient need) was
329 often inappropriate for her employment context. Whichever set of identity values she realised
330 through her actions, she seemed to feel they were persistently inferior to those of an assumed
331 superior other.

332

333 Jane was understood as resembling Marcia's moratorium status (7). She valued the
334 attributes of veterinarians working in different spheres of the profession and recognised their
335 differing strengths. However, she was unable to commit to a consistent set of self-priorities that
336 were coherent with her general practice employment context, and this manifested as an ongoing
337 dissatisfaction with self. The assumed superiority of the academic practitioner meant Jane
338 would always value priorities constructed around definitive disease diagnosis and best-evidence
339 treatment, even though she recognised this as inappropriate for her clients. Social validation of
340 relational attributes, located within clients' gratitude and colleagues' feedback, were insufficient
341 to overcome the perception that the diagnosis-focused identity discourse demonstrated by
342 academic role models represented the preferred veterinary identity.

343

344 The frustration and career dissatisfaction demonstrated by diagnosis-oriented
345 veterinarians working in a mal-aligned environment was initially attributed to a failure to reflect
346 on context during identity formation (16). However, Jane demonstrated this reflection in her
347 appreciation of relational identity attributes. Instead, persistent identity confusion appeared to
348 originate from the dominance of the academic discourse in professional culture, with
349 “diagnostic expert” persisting as the only way by which a “good vet” could be understood,
350 despite this being in conflict with the positive messages received from clients and colleagues.
351 Persistent identity confusion, preventing satisfaction with self, appeared to represent a
352 significant barrier to Jane’s career satisfaction, limiting feelings of professional wellbeing.

353 ***Participant Karl: Contextual stress conferring vulnerability to the dominant identity***
354 ***discourse***

355 Early text analysis of Karl’s stories suggested a diagnosis-focused set of identity priorities
356 foreclosed by the dominant academic discourse. Known to the researcher as a highly ambitious
357 student, he was initially presumed to have been particularly vulnerable to hidden curriculum
358 influences: assessments, teaching priorities and role models that emphasise diagnosis and
359 treatment. Modelling such an identity would have been socially rewarded through favourable
360 interactions with academic role models. His graduate stories were typified by chronic career
361 dissatisfaction, initially attributed to contextual elements obstructing the alignment of
362 professional actions with academic priorities:

363 *My very first consult was a vaccine consult, but noted on exam that there was some*
364 *mild hair loss around the lumbar spine. Lots of grooming that spot at home.*
365 *Painful on palpation. Suspected some hyperesthesia. Owner wasn't too bothered*
366 *and didn't want to pursue any work up.*
367 (Quoted from Armitage-Chan & May 2018b, page 3).

368 Veterinary students are defined as high-achievers (45) and this initial text analysis
369 raised concerns about the vulnerability of perfectionist-prone students to a dominant discourse

370 that appeared detrimental to career satisfaction and wellbeing. However, despite Karl's
371 ambitious and high-achieving nature, characterising his identity according to academic priorities
372 had presented a paradox. Karl had been known to the researcher as a student, as he was highly
373 engaged in the more relational elements of the professional studies curriculum. In Facebook
374 "side-stories" (those not told about specific events), Karl repeatedly reaffirmed these beliefs in
375 client-oriented education. His diagnosis-focused identity was therefore puzzling, and all the
376 more so when he told the following story:

377 *I was a waiter... that's how I learned to talk to people and a big influence on my*
378 *client communication today.... I have always been heavily influenced by the*
379 *human-animal bond, and my personal statement reflected that idea. It was a big*
380 *talking point during my interview with [2 professors]. That idea was powerful*
381 *enough for me to undertake a degree in biology so I could apply to veterinary*
382 *school.*

383 Like Jane, Karl seemed to aspire towards two conflicting identity discourses, and in his
384 wider narrative demonstrated chronic dissatisfaction and poor professional wellbeing. In Karl's
385 stories however, closer inspection suggested his multiple selves were context dependent. When
386 his stories demonstrated a diagnosis-focused identity and a sense of frustration, these were told
387 in context: the style of writing suggested an emotional re-living of clinical experiences, they
388 were positioned in the clinic and described specific clinical events. In contrast, stories about
389 prioritising relational care were constructed in a more abstract way. They were about general
390 beliefs, or memories of values and priorities held in the past. Rather than being situated in the
391 stress of the clinic (complicated by client interactions, heavy workload and time pressures), they
392 portrayed decontextualized understandings of relational self-priorities. Karl's identity priorities
393 therefore appeared to be constructed on relational care when he was un-stressed by the
394 complexities of the clinic, but on the dominant diagnosis-oriented discourse when he was
395 afflicted by workplace stress. He seemed unaware of this conflict, appearing genuinely
396 frustrated at not being able to emulate academic role models when rejecting relational priorities
397 from his stories.

398

399 Karl's narrative construction seemed to suggest that the complexity of the work
400 environment affected his identity coherence: his ability to remain true to his relational-oriented
401 aspirations. Stress and complexity in the clinic have been previously identified as negatively
402 impacting technical, clinical and relational skills (46–49), as well as relational behaviours such
403 as empathy and compassion (50,51). If clinic stress prevents the necessary reflexive practice to
404 negotiate one's identity ideals into the workplace, then this may have forced Karl to
405 demonstrate simpler, diagnosis-oriented aspirations, rather than engage with the more complex
406 skill of balancing patient needs against relational, client-oriented care. Despite the resulting
407 client conflict, and the rejection of personally meaningful relational beliefs, when under stress it
408 was perhaps simpler to self-identify according to the more dominant diagnosis-oriented identity
409 discourse, for which social validation and approval could be sourced from recent university role
410 models and the priorities of the academic curriculum. Distress associated with identity
411 dissonance would be an expected consequence of this chronic identity fragmentation.

412

413 To overcome the diagnosis-focused discourse would require a complex process of
414 negotiating personal beliefs into a professional culture where these were neither explicitly
415 emphasised by academic role models, nor highlighted in the curriculum. It would not be
416 surprising if the necessary reflection for this process was challenged by clinic stress. The
417 achievement of identity coherence was therefore disturbed, as the contextual stress of variable
418 client needs prevented Karl from reflecting on his identity priorities in context. Karl
419 demonstrated an ability to reflect on his self-identity priorities out-of-context, but it is reflection
420 on contextual self that is necessary for the more challenging process of negotiating the coherent
421 self into a complex environment. Subversion of relational identity aspirations in favour of
422 diagnostic priorities occurred as a result.

423 *The “client as enemy”: Social validation and commitment to undesirable identity*
424 *beliefs*

425 Karl’s and Jane’s stories demonstrated how the power of the hidden curriculum (role models
426 and curricular priorities) elevate the positioning of a dominant identity discourse that is non-
427 coherent with the general practice employment context. These social identity influences exert a
428 powerful effect on personal identity aspirations, resulting in an identity that is socially
429 constructed, rather than representing a balanced negotiation of psycho (self) and social
430 considerations. Social elevation of a context-inappropriate identity was also identified when the
431 positioning of the client in participants’ stories was explored more deeply. In multiple stories
432 the client was portrayed not only as a frustrating obstacle to achieving academically-oriented
433 ideals, but also as possessing values that were in direct conflict to those of the veterinarians. The
434 client was repeatedly understood as someone whose needs were devalued in comparison to the
435 veterinarians’ priorities and challenges, and represented an ongoing source of dissatisfaction:

436 *If I hear “why should my animal have to suffer if I can’t afford to pay the vet bill”*
437 *one more time... Some people and their sense of entitlement.*

438
439 *When I first started we had a client in shouting at the vet being very abusive that he*
440 *was just going to let her cat die because she was on benefits. No, she had been*
441 *given options but none of them involved it being free! This lady also had 3 other*
442 *cats all unvaccinated not neutered and constantly breeding! Pets are not a God*
443 *given right, and yes medical treatment costs money!!*

444 Contextualising this observation within the veterinary media revealed a pervasive *client*
445 *as enemy* rhetoric. Traditional and social media articles within the public domain frequently
446 depicted clients as failing to understand the needs of the veterinarian, even attributing
447 veterinarians’ suicide to their treatment by clients:

448 *Client demands can be trying, too... many exert unfair pressure. People expect*
449 *miracle workers... Society has become so used to immediate service and instant*
450 *gratification, but we can’t always give that. Vets are also pushed to perform their*
451 *services at no cost. ‘Sometimes people get mad if they can’t pay... They say if you*

452 *loved animals, you'd do it for free.' ... [This vet] has seen her fair share of nasty*
453 *online comments and worries about the effects of cyberbullying [on vets].*

454

455 Taken from the Santa Barbara Independent, March 2018, after the suicides of two
456 young veterinarians in the area. Available at:

457 [https://www.independent.com/news/2018/mar/08/veterinarian-suicides-reflect-](https://www.independent.com/news/2018/mar/08/veterinarian-suicides-reflect-quiet-professional-c/)
458 [quiet-professional-c/](https://www.independent.com/news/2018/mar/08/veterinarian-suicides-reflect-quiet-professional-c/)

459 Marcia's status of identity diffusion describes individuals who are particularly
460 vulnerable to social identity influences and tend to adopt the belief systems of peers. Identity
461 becomes wholly socially constructed, with positive wellbeing and self-esteem arising from
462 being a member of a group who share values and opinions. However, within this model there is
463 also a risk of detrimental *group think*, if deleterious beliefs are reinforced. This appeared to be
464 particularly relevant when applied to the veterinarians' positioning of the client.

465

466 Like diagnosis-oriented priorities, *client as enemy* represented another dominant
467 identity discourse that was frequently validated within professional culture. The extent to which
468 this discourse negatively influences psychological health may depend on individuals' self-
469 identity understanding. It may represent a transient frustration in those who otherwise construct
470 a sense of satisfaction from forming positive client relationships, particularly in challenging
471 contexts. However, in those individuals whose self-identity understanding is more vulnerable to
472 social influences, this *client as enemy* message may persist as an ongoing rejection of relational
473 priorities from identity construction. This was particularly concerning in view of the earlier
474 observation that those identifying with more relational attributes experienced higher levels of
475 career satisfaction and markers of mental wellbeing (24). The temporary feeling of wellbeing
476 experienced when peers validate the view of "client as enemy" is then arguably outweighed by
477 the risks of long term poor professional wellbeing arising from chronic client conflict.

478

479 **Discussion**

480 Analysing the narratives of two individuals provided a depth of inquiry into identity
481 confusion and incoherence that was not evident when the research participants were considered
482 as a group. Karl and Jane seemingly existed in a state of confusion between a socially-elevated
483 diagnosis-oriented identity, and a more locally and personally valued set of relational beliefs.
484 Karl seemed to place high value on relational attributes but failed to consistently maintain this
485 sense of his identity when experiencing clinic pressures. Jane recognised she was providing a
486 valuable service to her clients when acting according to relational identity attributes, but she
487 was unable to reject the diagnosis-focused identity that was emphasised in her education. In
488 both cases, this led to a persisting, context-inappropriate, diagnosis-oriented identity, and
489 dissatisfaction with self that extended beyond appropriate self-critique.

490

491 The dominance of the diagnosis-oriented identity has been identified previously within
492 veterinary professional culture (4,20,52,53). This dominant discourse is reinforced by hidden
493 curriculum influences similar to those identified in medicine: teaching and assessment that
494 emphasise single best approaches to clinical reasoning and neglect alternate, client- (or patient-)
495 focused adaptations (54,55). Its survival in veterinary culture is despite efforts to re-orient
496 veterinary education towards more client-focused competences (56–60). The negative wellbeing
497 implications of rejecting a more relational professional identity are unsurprising; positive social
498 interactions are key to wellness and flourishing (61). While these could temporarily be sourced
499 from colleagues who share a common “client as enemy” identity, responding in this way to
500 client conflict prevents the more complex process of informing identity through reflexive
501 engagement with conflicting client needs. This positioning of the client “as enemy” thus not
502 only prevents the beneficial consequences of positive client relationships, which can provide
503 significant career satisfaction; as shown in Jane’s and Karl’s stories, the dominance of this
504 discourse meant it overpowered client-oriented identity aspirations.

505

506 Karl’s narrative of identity formation followed the process described in early career
507 nurses (28) and doctors (27) who experienced identity confusion when they encountered

508 conflicting carer and expert identity discourses. Adopting a simpler, fragmented, student-like
509 identity, focusing on learning diagnosis and treatment, provided a temporary means of coping
510 with the new professional environment. Despite this coping mechanism, the nursing and
511 medical graduates became frustrated with actions that were dissonant to their priorities until
512 they were able to construct a coherent self-identity that incorporated both carer and diagnostic
513 expert. This process of identity cohesion was achieved through reflection on their own self-
514 priorities and how to negotiate these into the professional environment. It was also dependent on
515 local (rather than cultural) validation, obtained from carefully selected colleagues who role
516 modelled the more elusive attributes of carer as well as diagnostician. It is unknown whether
517 Jane and Karl will eventually achieve this identity cohesion, but this was not evident within the
518 research period. The ability to re-shape identity to form a context-informed version of self may
519 underpin the observation that some veterinarians thrive despite encountering the same
520 contextual stressors as those who experience poor mental health (62).

521

522 This interrelationship of personally valued identity and social influences, and the
523 reflective practice and social validation required to bring these together, represents the
524 psychosocial process of identity formation shown in Figure 1. An individual's pre-
525 contextualised (naïve) identity, built on personal aspirations, becomes confused when a critical
526 incident is encountered, such as tension between self-identity priorities and the needs of the
527 workplace. Reflection on identity and its relevance to the work environment can lead to a re-
528 shaped, context-informed version of self. This represents Erikson's model of self-reconstruction
529 after a period of identity crisis (63). We had previously assumed that failure to re-shape identity
530 in this way was a result of inadequate reflection (16). However, Jane and Karl demonstrated
531 reflection on contextual needs, but their context-relevant identity seemed to represent a stage of
532 identity fragility, with local social validation being inadequate to overcome the more dominant
533 diagnosis-oriented discourse. The fragile identity was hence rejected.

534

535 Figure 1 highlights where interventions may support the formation of a cohesive
536 professional identity and promote wellbeing. Reflection on self-priorities in the context of wider
537 workplace needs, as well as social validation of relational attributes, need to be sufficient to
538 overcome the power of the dominant diagnosis-oriented discourse. It is the complex process of
539 integrating diagnostic- and relational discourses that is the aim of this process; the earlier study
540 (24), as well as those in nurses and doctors, demonstrate that wellbeing is achieved through
541 identity coherence (successful integration of diagnostic and relational priorities), rather than
542 through identity fragmentation (rejecting one or other discourse).

543

544 Reflection is increasingly being incorporated into professional education, but *reflexive*
545 practice (reflection on self and its relevance to context), and the incorporation of identity and
546 engagement with multiple perspectives, require higher levels of reflective competence than
547 analysis of skills and behaviours (64). Educational approaches that validate multiple alternate
548 ways of doing (or being) are needed to support this level of reflection; there is little point
549 engaging in the identity motivations for one's actions if only a single action is regarded as
550 correct. This higher-level approach to reflection is developmental and requires scaffolding and
551 ongoing engagement on behalf of student and educator.

552

553 The explanation of why some veterinarians are able to thrive in the veterinary
554 workplace while others are not remains challenging. Individuals' capabilities for reflective
555 practice and their propensity for being able to reconstruct their identity according to context-
556 relevant relational cues may be a factor. There may also be differences in individuals'
557 vulnerability to dominant social influences. A persistence of diagnostic-oriented ideals (whether
558 consistent or context-dependent) may reflect particular vulnerability to the effects of the hidden
559 curriculum, for example highly ambitious students who strategize this as a way to achieve high
560 grades or favourable recommendations from clinical faculty. Rejection of the client during
561 professional identity formation may also reflect enhanced susceptibility to the social norms of
562 professional peers (who may habitually discuss clients in a *them and us* manner), perhaps

563 because of a lack of confidence in one's different and personally-constructed values.
564 Empathizing with clients is often challenging, due to the complexities of human interaction
565 when at least one party is very upset (due to the impending loss of a pet) or highly stressed (due
566 to finances or the logistics of caring for an unwell animal). Rather than engage reflectively with
567 this challenge, the dominant voice of the professional group may make it simpler to align with
568 peers than with clients, rejecting the client from professional identity construction.

569

570 To overcome graduates' vulnerability to these social influences, social validation of
571 relational attributes alongside clinical expertise needs to be provided through role modelling by
572 university faculty, appropriate attention in teaching and assessment, and within workplace
573 learning opportunities (65,66). Case discussions (both in the clinic and in the classroom) need to
574 focus on examples in which client-oriented adaptations have been made, rather than exclusively
575 selecting those with complete diagnostic evaluations and successful treatments. The way the
576 client is discussed also merits attention. Social validation of a relational identity may be
577 enhanced through dialogue, within veterinary practices and online, that emphasises client
578 empathy rather than conflict. This needs to be reinforced not only within the experiences of
579 veterinary students, but also in continuing professional development, such as within the
580 Certificate in Advanced Veterinary Practice. Social validation of a relational-oriented identity
581 therefore needs to occur at all levels of the profession in order to reorient professional culture
582 away from the unique prizing of diagnosis-oriented goals.

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586 **References**

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588

589

1. Bartram DJ, Yadegarfar G, Baldwin DS. Psychosocial working conditions and work-related stressors among UK veterinary surgeons. *Occup Med (Chic Ill)*. 2009 Aug 1;59(5):334–41.

590

591

592

2. Nett RJ, Witte TK, Holzbauer SM, Elchos BL, Campagnolo ER, Musgrave KJ, et al. Risk factors for suicide, attitudes toward mental illness, and practice-related stressors among US veterinarians. *J Am Vet Med Assoc*. 2015 Oct 15;247(8):945–55.

593

594

595

3. Gardner D, Hini D. Work-related stress in the veterinary profession in New Zealand. *N Z Vet J*. 2006 Jun;54(3):119–24.

596

597

4. Armitage-Chan E, Maddison J, May SA. What is the veterinary professional identity? Preliminary findings from web-based continuing professional development in veterinary professionalism. *Vet Rec*. 2016 Mar 26;178(13):318.

598

599

600

5. Thoits PA. Self, Identity, Stress, and Mental Health. In Springer, Dordrecht; 2013. p. 357–77.

601

602

6. Luyckx K, Vansteenkiste M, Goossens L, Duriez B. Basic Need Satisfaction and Identity Formation: Bridging Self-Determination Theory and Process-Oriented Identity Research. *Artic J Couns Psychol*. 2009;

603

604

605

7. Kroger J, Marcia JE. The Identity Statuses: Origins, Meanings, and Interpretations. 2011;31–53.

606

607

8. Ryan RM, Deci EL. Self-determination theory and the facilitation of intrinsic motivation, social development, and well-being. *Am Psychol*. 2000;55(1):68–78.

608

609

9. Cote J, Levine C. A Formulation of Erikson's Theory of Ego identity Formation. *Dev Rev*. 1987;1:273–325.

610

611

10. Syed M, Walker LHM, Lee RM, Zamboanga BL, Armenta BE, Umaña-Taylor AJ, et al. A two-factor model of ethnic identity exploration: Implications for identity coherence and well-being. *Cult Divers Ethn Minor Psychol*. 2013;19(2):143–54.

612

613

614

11. Knights D, Clarke C. Pushing the Boundaries of Amnesia and Myopia: A Critical

- 615 Review of the Literature on Identity in Management and Organization Studies. *Int J*
616 *Manag Rev.* 2017 Jul 1;19(3):337–56.
- 617 12. Weigert AJ, Teitge JS (Joyce S, Teitge DW (Dennis W. *Society and identity : toward a*
618 *sociological psychology.* Cambridge University Press; 1986. 134 p.
- 619 13. Jean S Phinney. *Multiple group identities: differentiation, conflict, and integration.* In:
620 *Discussions on ego identity.* 2nd ed. New York: Routledge; 2016. p. 47–73.
- 621 14. Taylor C. *Sources of the self : the making of the modern identity.* Cambridge University
622 Press; 1992. 601 p.
- 623 15. Korthagen FAJ. *In search of the essence of a good teacher: Towards a more holistic*
624 *approach in teacher education.* *Teach Teach Educ.* 2004 Jan 1;20(1):77–97.
- 625 16. Armitage-Chan E, May SA. *The Veterinary Identity : A Time and Context Model . J Vet*
626 *Med Educ.* 2018 Dec 19;1–10.
- 627 17. Schwartz SJ. *The evolution of Eriksonian and neo-Eriksonian identity theory and*
628 *research: A review and integration.* *Identity An Int J Theory Res.* 2001;1(1):7–58.
- 629 18. Hogg MA, Smith JR. *Attitudes in social context: A social identity perspective.* *Eur Rev*
630 *Soc Psychol.* 2007 Nov 22;18(1):89–131.
- 631 19. Atewologun D, Kutzer R, Doldor E, Anderson D, Sealy R. *Individual-level Foci of*
632 *Identification at Work: A Systematic Review of the Literature.* *Int J Manag Rev.* 2017
633 Jul 1;19(3):273–95.
- 634 20. Clarke CA, Knights D. *Practice makes perfect? Skillful performances in veterinary*
635 *work.* *Hum Relations.* 2018 Oct 24;71(10):1395–421.
- 636 21. Castellani B, Hafferty FW. *The Complexities of Medical Professionalism.* In:
637 *Professionalism in Medicine.* Boston: Kluwer Academic Publishers; 2006. p. 3–23.
- 638 22. Roder C, Whittlestone K, May SA. *Views of professionalism: a veterinary institutional*
639 *perspective.* 2012;
- 640 23. Page-Jones S, Abbey G. *Career identity in the veterinary profession.* *Vet Rec.*
641 2015;176(17):433.
- 642 24. Armitage-Chan E, May SA. *Identity, environment and mental wellbeing in the*

- 643 veterinary profession. *Vet Rec.* 2018 Jun 27;vetrec-2017-104724.
- 644 25. Ellemers N, Kortekaas P, Ouwerkerk JW. Self-categorisation, commitment to the group
645 and group self-esteem as related but distinct aspects of social identity. *Eur J Soc Psychol.*
646 1999;29(23):371–89.
- 647 26. Nyström S. The Dynamics of Professional Identity Formation: Graduates’ Transitions
648 from Higher Education to Working Life. *Vocat Learn.* 2009 Mar 2;2(1):1–18.
- 649 27. Pratt MG, Rockmann KW, Kaufmann JB. Constructing professional identity: The role of
650 work and identity learning cycles in the customization of identity among medical
651 residents. Vol. 49, *Academy of Management Journal.* Academy of Management; 2006.
652 p. 235–62.
- 653 28. Macintosh J. Reworking Professional Nursing Identity 1. *West J Nurs Res.*
654 2003;25(6):725–41.
- 655 29. Connelly FM, Clandinin DJ. Stories of Experience and Narrative Inquiry. *Educ Res.*
656 1990;19(5):2–14.
- 657 30. Clandinin JD, Murphy MS, Huber J, Murray Orr A. Negotiating narrative inquiries:
658 living in a tension-filled midst. *J Educ Res.* 2009;103(2):81–90.
- 659 31. Mcvee MB. Narrative and the exploration of culture in teachers’ discussions of literacy,
660 identity, self, and other. *Teach Teach Educ.* 2004;20:881–99.
- 661 32. Tsui ABM. Complexities of Identity Formation: A Narrative Inquiry of an EFL Teacher.
662 *TESOL Q.* 2007 Dec 1;41(4):657–80.
- 663 33. Beattie M. The Making of a Music: The Construction and Reconstruction of a Teacher’s
664 Personal Practical Knowledge during Inquiry. *Curric Inq.* 1995 Jun 15;25(2):131–50.
- 665 34. Mishler E. Validation in Inquiry-Guided Research: The Role of Exemplars in Narrative
666 Studies. *Harv Educ Rev.* 1990 Dec 24;60(4):415–43.
- 667 35. Manning K. Authenticity in constructivist inquiry: methodological considerations
668 without prescription. *Qual Inq.* 1997;3(1):93–115.
- 669 36. Cho J, Trent A. Validity in qualitative research revisited. *Qual Res.* 2006;6(3):319–40.
- 670 37. Chase S. Narrative inquiry: Multiple lenses, approaches, voices. In: Denzin NK, Lincoln

- 671 YS, editors. *The Sage handbook of qualitative research*. 2005. p. 651–79.
- 672 38. Clandinin DJ, Pushor D, Orr AM. Navigating Sites for Narrative Inquiry. *J Teach Educ*.
673 2007;58(1):21–35.
- 674 39. Clandinin DJ. *Engaging in narrative inquiry*. Left Coast Press; 2013. 232 p.
- 675 40. Polkinghorne DE. Narrative configuration in qualitative analysis. *Int J Qual Stud Educ*.
676 1995;8(1):5–23.
- 677 41. Ollerenshaw JA, Creswell JW. Narrative Research: A Comparison of Two Restorying
678 Data Analysis Approaches. *Qual Inq*. 2002 Jun 29;8(3):329–47.
- 679 42. Hollingsworth S. Learning to Teach Through Collaborative Conversation: A Feminist
680 Approach. *Am Educ Res J*. 1992 Jan 1;29(2):373–404.
- 681 43. Ricoeur P. Narrative Identity. *Philos Today*. 1991;35(1):73–81.
- 682 44. Marcia JE. Development and validation of ego-identity status. *J Pers Soc Psychol*.
683 1966;3(5):551–8.
- 684 45. Zenner D, Burns GA, Ruby KL, Debowes RM, Stoll SK. Veterinary students as elite
685 performers: Preliminary insights. *J Am Vet Med Assoc*. 1999;217:332–8.
- 686 46. Hales BM, Pronovost PJ. The checklist-a tool for error management and performance
687 improvement. *J Crit Care*. 2006 Sep 1;21(3):231–5.
- 688 47. Scott IA. Errors in clinical reasoning: causes and remedial strategies. *BMJ*.
689 2009;338(jun08 2):b1860–b1860.
- 690 48. Letourneau C. Empathy and stress: how they affect parental aggression. *Soc Work*. 1981
691 Sep 1;26(5):383–9.
- 692 49. Thomas MR, Dyrbye LN, Huntington JL, Lawson KL, Novotny PJ, Sloan JA, et al. How
693 Do Distress and Well-being Relate to Medical Student Empathy? A Multicenter Study. *J*
694 *Gen Intern Med*. 2007 Feb 9;22(2):177–83.
- 695 50. Park KH, Kim D, Kim SK, Yi YH, Jeong JH, Chae J, et al. The relationships between
696 empathy, stress and social support among medical students. *Int J Med Educ*. 2015 Sep
697 5;6:103–8.
- 698 51. Hodges BD, Ginsburg S, Cruess R, Cruess S, Delpont R, Hafferty F, et al. Assessment of

- 699 professionalism: Recommendations from the Ottawa 2010 Conference. *Med Teach*.
700 2011 May 25;33(5):354–63.
- 701 52. Roder CA, May SA. The Hidden Curriculum of Veterinary Education: Mediators and
702 Moderators of Its Effects. *J Vet Med Educ*. 2017 Sep 6;44(3):542–51.
- 703 53. May SA, Kinnison T. Continuing professional development: learning that leads to
704 change in individual and collective clinical practice. *Vet Rec*. 2015 Jul 4;177(1):13.
- 705 54. Apker J, Eggly S. Communicating professional identity in medical socialization:
706 Considering the ideological discourse of morning report. *Qual Health Res*. 2004 Mar
707 1;14(3):411–29.
- 708 55. Cooke S, Lemay J-F. Transforming Medical Assessment. *Acad Med*. 2017
709 Jun;92(6):746–51.
- 710 56. Stone EA, Conlon P, Cox S, Coe JB. A New Model for Companion-Animal Primary
711 Health Care Education. *J Vet Med Educ*. 2012 Sep 1;39(3):210–6.
- 712 57. McCobb E, Rozanski EA, Malcolm EL, Wolfus G, Rush JE. A Novel Model for
713 Teaching Primary Care in a Community Practice Setting: Tufts at Tech Community
714 Veterinary Clinic. *J Vet Med Educ*. 2018 Feb 1;45(1):99–107.
- 715 58. Bell M, Cake M. Who are you, and why are you here? *Vet Rec*. 2018 Jul 14;183(2):65–
716 6.
- 717 59. Coe JB. Primary Care: An Important Role in the Future of Veterinary Education. *J Vet*
718 *Med Educ*. 2012 Sep 1;39(3):209–209.
- 719 60. Waters A. An audience with Stephen May. *Vet Rec*. 2017 Aug 12;181(7):162–3.
- 720 61. Ryan RM, Deci EL. Self-determination theory basic psychological needs in motivation,
721 development, and wellness / Richard M. Ryan, Edward L. Deci. Self-determination
722 theory basic psychological needs in motivation, development, and wellness. 2017. 756 p.
- 723 62. Cake MA, McArthur MM, Matthew SM, Mansfield CF. Finding the Balance:
724 Uncovering Resilience in the Veterinary Literature. *J Vet Med Educ*. 2017;44(1):95–
725 105.
- 726 63. Erikson EH. Identity and the Life Cycle: Selected Papers. *Psychol Issues*. 1959;1:5–165.

- 727 64. Korthagen F, Vasalos A. Levels in reflection: Core reflection as a means to enhance
728 professional growth. *Teach Teach Theory Pract.* 2005;11(1):47–71.
- 729 65. Armitage-Chan E, May SA. Developing a Professional Studies Curriculum to Support
730 Veterinary Professional Identity Formation. *J Vet Med Educ.* 2018 Jun 13;1–13.
- 731 66. Armitage-Chan E. Best practice in professional identity formation: Use of a professional
732 reasoning framework. *J Vet Med Educ.*
- 733
- 734

735 Figure 1: Professional identity formation

736 Legend:

737 Professional identity formation represents a psychosocial transition from student (pre-context)
738 self to context-relevant professional. When experiencing identity conflict, reflection on personal
739 values and how they are negotiated alongside workplace needs results in an emerging fragile
740 context-relevant identity. Social validation is necessary to support development towards a
741 coherent, consistently-held re-shaped identity. Non-reflection on critical incidents, or
742 inadequate social validation, may result in reversion to the naïve sense of self, which is
743 constructed upon the dominant diagnosis-focused identity discourse (solid lines). Reflection
744 without adequate social validation seemed in this study to result in persistent identity confusion
745 (dotted lines).

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